Configuration Guide

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5. IVR Watchdog

About us

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1. Admin Menu

Administrator - Users

Menu: Admin -> Administrators

- Username: user
- **Password**: [Enter a web password]
- Admin Access: [Select each page you want to set for this user]

Warning: Please read security recommendations at "First Steps after Installation Guide"

		pp6.i6net.org	Ċ	
or (VoiceXML) Admin v Application	s v Connectivity v Reports v	Settings v Restart Interpreter		Logout: ad
Add Administrator				Add User
General Settings				demo user
Username ² :				
Password ² :				
Access Restrictions				
Department Name ¹ :				
Extension Range ² :	to			
Admin Access 9:	Admin Administrators Asterisk Cul Asterisk Modules Feature Codes Applications Extensions Misc Applications Connectivity DAHDI Channel DIDs Numbers Outbourd Routes SIP Trunks VoiceXML			
Submit Changes				
IVRPowers VoiceXML Platt	form		🔅 Suppo	t IVR Powers.co

Asterisk CLI

Menu: Admin -> Asterisk CLI

- CLI: Fill the CLI command line you want to execute.

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Editor (VoiceXML)	Admin 🗸	Applications v	Connectivity v	Reports v	Settings v	Restart Interpreter			Logout: ad
Asterisk	CLI								
,									
	Execute:								
	National Mation	XMI Platform	n					Support	IVR Powers.co
IVRP	owers voice								

Asterisk Modules

Menu: Admin -> Asterisk Modules

This page allow you show all Asterisk Module loaded.

- Executed Modules
- Preloaded Modules
- Manually Loaded Modules

Warning: Please don't delete or insert new Asterisk Modules if you are not an Asterisk expert.

• <>						pp6.i6net.org	Ċ	<u>(†</u>
						Restart Interpreter		Logout: a
Asterisk	Modules							
Note that this It is unlikely y Please be can Deleting the r	is for ASTERISK m ou'll need to change reful when adding o nodules.conf file wil	odules, n anything r removin I reset this	ot FreePBX Mo 9 here. 9 modules, as it s to defaults.	dules. is possible to	stop Asteris	sk from starting with an incorrect co	nfiguration.	
Excluded M	odules							
chan_woom	era.so		Delete					
pbx_gtkco	nsole.so		Delete					
pbx_kdeco	nsole.so		Delete					
app_inter	com.so		Delete					
chan_mode	m.so		Delete					
chan_mode	m_bestdata.so		Delete					
chan_mode	m_i41.so		Delete					
app_trunk	isavail.so		Delete					
chan_alsa	. 50		Delete					
chan_oss.	50		Delete					
app_direc	tory_odbcstorag	ge.so	Delete					
app_voice	mail_odbcstorag	ge.so	Delete					
chan_mode	m_aopen.so		Delete					
chan_woom	era.so		Delete					
cdr_radiu	5.50		Delete					
cel_radiu	5.50		Delete					
			Add					

			pp6.i6net.org	 ð		<u> </u>
			Restart Interpreter			Logout: a
chan_oss.so	Delete					
app_directory_odbcstorage.so	Delete					
app_voicemail_odbcstorage.so	Delete					
chan_modem_aopen.so	Delete					
chan_woomera.so	Delete					
cdr_radius.so	Delete					
cel_radius.so	Delete					
	Add					
Preloaded Modules						
pbx_config.so	Delete					
chan_local.so	Delete					
	Add					
Manually Loaded Modules						
format_wav.so	Delete					
format_pcm.so	Delete					
format_mp3.so	Delete					
res_musiconhold.so	Delete					
	Add					
IVR Powers VoiceXML Platform V11 / Released October 2015				¢	Support	IVR Powers.co

Feature Codes

Menu: Admin -> Feature Codes

The Feature Codes Module is used to enable and disable certain features available in FreePBX and Asterisk, and to set the codes that local users will dial on their phones to use that particular feature.

For example, the Feature Codes Module can be used to set the code that a user will dial to activate or deactivate Call Forwarding. It can also be used to set a Code that can be used to enter into an Echo Test, to hear your extension number, or to hear the time of day.

					pp6.i6net.org	C	<u> </u>
tor (VoiceXML) Admin v Applications v	Co	nnectivity v	Reports v	Settings v	Restart Interpreter		Logout: ad
Feature Code Admin							
		Use Default?	Feature Status				
Core							
Asterisk General Call Pickup	*8	0	Enabled 📀				
ChanSpy	555		Enabled ᅌ				
Directed Call Pickup	••		Enabled ᅌ				
In-Call Asterisk Attended Transfer	*2		Enabled 📀				
In-Call Asterisk Blind Transfer	##	•	Enabled ᅌ				
In-Call Asterisk Disconnect Code	••		Enabled ᅌ				
In-Call Asterisk Toggle Call Recording	*1		Enabled 📀				
Simulate Incoming Call	7777		Enabled ᅌ				
User Logoff	*12	2	Enabled ᅌ				
User Logon	*11		Enabled ᅌ				
ZapBarge	888		Enabled ᅌ				
Misc Applications							
Number1	9177		Enabled 📀				
Voicemail							
Diel Veisemeil 9	*98	-	Enabled				

				pp6.i6net.org	Ċ		(d) (đ
				Restart Interpreter			Logout: a
Directed Gair Ріскор		2	Enabled 💟				
In-Call Asterisk Attended Transfer	*2		Enabled 😳				
In-Call Asterisk Blind Transfer	##		Enabled 📀				
In-Call Asterisk Disconnect Code	**		Enabled 😒				
In-Call Asterisk Toggle Call Recording	*1		Enabled ᅌ				
Simulate Incoming Call	7777		Enabled 📀				
User Logoff	*12		Enabled ᅌ				
User Logon	*11		Enabled 📀				
ZapBarge	888		Enabled ᅌ				
Misc Applications							
Number1	9177		Enabled ᅌ				
Voicemail							
Dial Voicemail ²	*98		Enabled 😳				
Direct Dial Prefix	•		Enabled ᅌ				
My Voicemail 🕫	*97		Enabled ᅌ				
Submit Changes							
VRPowers VoiceXML Platfor	m				¢	Support	IVRPowers.co

Warning: Please don't change Feature Codes if you are not an Asterisk expert.

2. VoiceXML editor

Overview

Menu: VoiceXML editor

The VoiceXML editor is a small file directory to allow manage your VoiceXML script easily from the web panel. By default, you will find some example to quick start with your IVR VoiceXML Platform.

	Filename	Туре	Size (bytes)	Date Modified			Create Directory
ġ,	asterisk-cmd	<directory></directory>		Oct 9 2015 7:51 AM			Create File
Û	asterisk-var	<directory></directory>		Oct 9 2015 7:51 AM			
Û	blackjack	<directory></directory>		Oct 9 2015 7:51 AM			
Û	callercalled	<directory></directory>		Oct 9 2015 7:51 AM			
Û	datetime	<directory></directory>		Oct 8 2015 8:08 AM			
Û	demo	<directory></directory>		May 13 2015 11:30 AM			
1	helloworld	<directory></directory>		Oct 9 2015 7:51 AM			
1	menu-dtmf	<directory></directory>		Oct 9 2015 7:51 AM			
١Ì	vestec-asr	<directory></directory>		Oct 9 2015 7:51 AM			
Û	voice-mailbox	<directory></directory>		Oct 9 2015 10:37 AM			
١Ì	demo.wav	WAV File	262,792	May 12 2015 1:03 PM			
Û	index.vxml	VXML File	234	May 12 2015 2:11 PM			
Û	jyg.vxml	VXML File	232	May 13 2015 9:56 AM			
Û	menu.vxml	VXML File	884	Oct 10 2015 2:28 PM			
Û	momo	MOMO File	1	May 12 2015 1:05 PM			
Û	playvox.vxml	VXML File	4,186	May 12 2015 2:06 PM			

Create File

You can create a text file from the VoiceXML editor without requiring to upload it. Just select create a file to start coding something... in PHP, VoiceXML or any other text script language required for your service.

[Screenshot]

Create Directories

The VoiceXML editor allow to create any kind of directory to create your own structure for an application or several services. You can rename or deleter easily any directory created.

[Screenshot]

Edit Files

The VoiceXML editor allow to modify content of text file very easily in a code format (colors). It's specially designed for VoiceXML script to be edited. XML coder will love to have this to update any script with a nice online web editor.

[Screenshot]

Upload Files

You can upload any kind of files: .txt, .vxml, .wav, .mp3, .php, .asp...etc The VoiceXML editor don't check the contents of your files so you have to take care about the right formats of the files you are uploading to the IVR VoiceXML platform.

[Screenshot]

3. System Reports

Overview

The IVR VoiceXML Platform includes advanced reports to make easier your voice service debugging and reporting management. Main contents are:

- Summary
- CDR Reports
- Telephony Logs
- VoiceXML Logs
- VoiceXML Statistics

Summary - Monitoring Tools

Menu: Reports -> Summary

The IVR VoiceXML Platform Summary is a set of monitoring tools, available in the home of the web panel.

_				CDR Reports Summary						~	
		System O	verview	Telephony Logs	0		Up1	ime	i	5	
		Welco Version:	•me : V1.1	VoiceXML Logs VoiceXML Statis	tics	2 we	System Las eeks, 6 days, 15 hours,	st Rebooted 46 minutes, 29 secor	ids, ago		
Telephony	Summary		SysInfo upo	lated 1 seconds a	ago		Load A	verages			
Database Web Server		***	Sy No criti	stem Alerts cal issues found		0.00 1 Minute	0. 5 Mi	00 nutes	0.00 15 Minutes		
There are 3	3 bad destinations	•			•		Interprete	r Statistics	:	3	
		Show	All			Opened: 3	Session Peak: 1	Error: 0	Denied: 0		
	Te	elephony	Statistics		2	Refused: 0	Waited: 0	Needed: 0	Max Duration: 33		
Telephony +	Trunks Reged	O Tr	unks Offline	Active Calls	2		.	0 t			
Uptime 👻					1.6	Prompts: 5	Trans	fers: 0	Transfers alternative: 0		
CPU 🕶					1.2	Recognizes: 3	Spee	chs: 0	Speechs error: 0		
Memory 👻					0.8	Records: 0 Connections lost: 0	Origin Connection	ates: 0 Is retrieve: 0	Originates error: 0 Connections error: 0		
Disk 🕶					0.4			-			
Network +	-			/L	- 0	Sessions: 0.00	Average Duration: 18.00	Response: 5.0	CAPS: 0.00		
						Speech: 0.00	Score: 0.00	Transfer: 0.00			

System Overview

[Ref. Screenshot]

Uptime

[Ref. Screenshot]

Interpreter Statistics

[Ref. Screenshot]

Telephony Statistics

[Ref. Screenshot]

CDR Reports

Menu: Reports -> CDR Reports

CDR Search

Order By	Pearsh conditions	
Call Date 9	Search conditions	Extra options
CalleriD Number 0	Not: Begins With: Contains: Ends With: Exactly:	CDR search
CallerID Name 0:	Not: Begins With: O Contains: C Ends With: Exactly:	Heport type : : : : : : : : : : : : : : : : : : :
Outbound CallerID Number 0	Not: Degins With: Contains: Ends With: Exactly:	Result limit : 100
	Not: Begins With: O Contains: Ends With: Exactly:	L
Destination 0:	Not: Begins With: O Contains: Ends With: Exactly:	
O Destination CallerID Name	Not: Begins With: Contains: Ends With: Exactly:	
Userfield 0:	Not: Begins With: Contains: Ends With: Exactly:	
Account Code 0:	Not: Begins With: Ocontains: Ends With: Exactly:	
O Duration ?:	Between: And: Seconds	
Disposition 2:	All Dispositions 😒 Not:	
Newest First	Group By: Day 📀 Search	

Call Compare

Search Fields		Search conditions		
Destination: Source: GLI: Userfield: Accountcode: Channet:	No c	Exact Begins with Exact Begins with	Contains Ends with Contains Ends with Contains Ends with Contains Ends with Contains Ends with Contains Ends with Search	Minutes by hours

Monthly Traffic

Search Fields		Search co	nditions		
Select the Month:	From : October-2015	Laps of month to	compare : - 2 months ᅌ		
Destination:		 Exact 	O Begins with	Contains	C Ends with
Source:		 Exact 	O Begins with	Contains	C Ends with
CLI:		 Exact 	O Begins with	Contains	C Ends with
Userfield:		 Exact 	O Begins with	Contains	C Ends with
Accountcode:		 Exact 	O Begins with	Contains	C Ends with
Channel:				Search	

Daily Load

Skied the Day: From: 2.6 October-2015 Destination: Image: Container of the Date: Image: Container of the Date: Source: Image: Container of the Date: Image: Container of the Date: CLI: Image: Container of the Date: Image: Container of the Date: Usefield: Image: Container of the Date: Image: Container of the Date: Accountcode: Image: Container of the Date: Image: Container of the Date: Channet: Image: Container of the Date: Image: Container of the Date:
Destination: © Exact Begins with Contains Ends w Source: © Exact © Begins with Contains Ends w CL1: © Exact © Begins with Contains Ends w Userfield: © Exact © Begins with Contains Ends w Accountods: © Exact © Begins with Contains Ends w Channel: Search Search Search
source: Image: Source:
ULI: Image: Contains Image: Con
Accountcode: Contains
Channel:
Search
No calls in your selection.

Telephony Logs

Menu: Reports -> Telephony Logs



VoiceXML Logs

Menu: Reports -> VoiceXML Logs

Show /tmp/log.txt file from the VoiceXML interpreter

VOICEXIVI	Log Files						
/tmp/log.txt	500	Show					
Warning. Th 0 2000 Rea 0 3000 SBi 0 3000 SBi 0 2000 Rea 0 2003 Rea have been r Here the lo	e lines like: dlexiting: 0, 400 notChannel::Readlexiting, : notChannel::Readlentering: dlentering: 0x0x6ce968, 0xt dlexi:sBinet:http://exa emoved for a better reading g:	returned 0x0x6ce9e0, 0x0x7fff 0x7fff2eff710, 400, 0 umple.url/yes.bnf, /tr g of the log.	f3eff710, 400, 140 x0x7ffff3eff6b8, wp/cacheContent/aw)737205977784, 0x0x7fffe43d2420 0x0x7fffe43a4cc0 i_SBinet/0/8.sbc: 400 bytes, 40	10 requested, rc = 0		
Det: 10 14:3 Cot: 10	0, 7, 50, 10, 7, 22, 1, and 7, 100, 2 10, 7, 7, 50, 10, 7, 22, 1, and 7, 100, 2 10, 7, 50, 10, 7, 22, 1, and 7, 100, 2 10, 7, 50, 10, 7, 22, 1, and 7, 100, 2 10, 7, 50, 10, 7, 22, 1, and 7, 100, 2 10, 7, 50, 10, 7, 20, 10, 3, 100, 7, 20, 10, 30, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1	(B) = 1 Push B cope (arc) (Construction (arc) (Construction) (Contost) (Construction)	Ling: returned 0 (VXI:Bandarden) (Commercial Commercial Commercial (Commercial Commercial Commer	<pre>op = Bnable grammars for: game, iFnableCammars; Bores, iFnableCammars; Bores, iFnableCammars; Bames/ST246; iFnableCammars; Bames/ST246; ifnableCammars; ifnab</pre>	oval ternikame_j1421;dialogNtamegame_eval,f; dis0 field=0 dialogFram=0 dooGram=0 'true' context 0x7f24cclc6c00 text 0x7f24cclc6c00 text 0x7f24cclc6c00 itext 0x7f24cclc6c00 accCards()'	eldName;	

VoiceXML Statistics

Menu: Reports -> VoiceXML Statistics

Top:

Asterisk PID	:	721
utime	:	151196
stime	:	373788
Priority	:	20
Nice	:	0
Threads	:	40
Memory	:	883 Mbytes
CPU	:	5616
File descriptors	:	23
Interpreter PID	:	546
utime	:	1883
stime	:	7888
Priority	:	20
Nice	:	0
Threads	:	121
Memory	:	1798 Mbytes
CPU	:	7182
File descriptors	:	6
Queue ID	:	0
Кеу	:	0x00007b5 (1973)
User ID	:	500
Group ID	:	500
Permissions	:	0666
Size	:	65537 bytes
Number	:	0 message(s)
Used	:	0 byte(s) (0%)
Last send	:	Interpreter(546) 2015/08/07 20
Last receive	:	Asterisk(721) 2015/08/07 20
Statistics:		
Sessions pending	:	0
Sessions opened	:	0

Sessions	peak	:	0
Sessions	error	:	0
Sessions	denied	:	0
Sessions	refused	:	0

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:	0
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r (VoiceXML) Admin	×.	Applications v	Connectivity v	Reports v	Settings v	Restart Interpreter				Logout
VoiceXML Stat	tisti	CS								
Тор							Statistics			
Asterisk PID	:	17662					Sessions pending		0	
utime		299113					Sessions opened	3	3	
stime	:	451157					Sessions peak		1	
Priority	:	20					Sessions error	3	0	
Nice	:	0					Sessions denied		0	
Threads		43					Sessions refused	1	0	
Memory		891 Mbytes					Sessions waiting		0	
CPU	:	1685					Sessions waited	1	0	
File descriptors	:	26					Sessions needed		0	
Interpreter PID	:	17528					Sessions maxduration		33	
utime	12.1	2837					Prompts		5	
stime	:	12272					Recognizes	1	3	
Priority	:	20					Records	:	0	
Nice	:	0					Transfers	:	0	
Threads	12.1	121					Transfers alternative		0	
Memory	:	1800 Mbytes					Speechs	:	0	
CPU		1791					Speechs error		0	
File descriptors	:	-1					Originates	:	0	
Queue ID	10 I	0					Originates error	0	0	
Key	:	0x000007b5	(1973)				Connections lost	3	0	
User ID	:	500					Connections retrieve	0	0	
Group ID	1	500					Connections error	:	0	
Permissions		0666					Counter	9	0	
Size	:	65537 bytes					Average sessions	:	0.00	
Number	:	0 message(s)				Average duration	9	18.00	
Used	:	0 byte(s) (04	%)				Average response	:	5.00	
Last send		Interpreter(1	7528) 2015/10/2	6 12			Average CAPS		0.00	
Last receive	:	Asterisk(176	62) 2015/10/26	12			Average speech	:	0.00	
							Average score		0.00	
							Average transfer	8	0.00	

Editor (voicexmt)		Applications v C	onnectivity v	Reports v	Settings v	Postar Internation					
	· ·	Applications v C	connectivity v	Reports v	Sectings v	Restart interpreter	ļ.,				Logout: ad
stime	12	451157					Sessions peak		1		
Priority	:	20					Sessions error	:	0		
Nice	:	0					Sessions denied	:	0		
Threads	:	43					Sessions refused	:	0		
Memory		891 Mbytes					Sessions waiting	:	0		
CPU	:	1685					Sessions waited	:	0		
File descriptors	1	26					Sessions needed	12 - E	0		
Interpreter PID	:	17528					Sessions maxduration	:	33		
utime		2837					Prompts	2	5		
stime	:	12272					Recognizes	1	3		
Priority		20					Records	2	0		
Nice	:	0					Transfers	:	0		
Threads		121					Transfers alternative	12	0		
Memory	:	1800 Mbytes					Speechs	:	0		
CPU	:	1791					Speechs error	9	0		
File descriptors	:	-1					Originates	:	0		
Queue ID		0					Originates error	9	0		
Key	:	0x000007b5 (19	973)				Connections lost	:	0		
User ID	:	500					Connections retrieve		0		
Group ID	:	500					Connections error	:	0		
Permissions		0666					Counter		0		
Size	:	65537 bytes					Average sessions	:	0.00		
Number	:	0 message(s)					Average duration		18.00		
Used	:	0 byte(s) (0%)					Average response	:	5.00		
Last send	12	Interpreter(1752	28) 2015/10/	26 12			Average CAPS	0	0.00		
Last receive	:	Asterisk(17662)	2015/10/26	12			Average speech	1	0.00		
							Average score		0.00		
							Average transfer	:	0.00		

Fail2Ban Status

Menu: Reports -> Fail2Ban Status

This section allow us to check if there are any blocked IPs in our firewall and the reason why they are blocked. We can also delete the content of the Fail2ban log if we need to free space in the disk.

[screenshot]

4. System Settings

VoiceXML Settings

General:

- Record silence: [Yes | No]
- Threshold: [256 by default] value for threshold silence]
- WAV default codec: [pcm | gsm] codecs for recording
- Debug: [Yes | No] Enable or disable interpreter and telephony logs
- Priority events: [Yes | No] Force to check first DTMF events
- Dial format audio: [SIP/%s@voztele-out] string format to generate outbound calls
- Cache timeout (s): [60 by default]
- Call Monitoring: [Yes | No] set call recording...

Categories: General	I License I	System Cleaning			
General					
Record silence ⁰	Yes No				
Threshold ²	256				
WAV default codec	pcm gsm				
Debug ²	Yes No				
Priority events	Yes No				
Dial format audio	SIP/%s@voztele-or	ıt			
Cache timeout (s)	60				
Call Monitoring	Yes No				
	rd				

License:

System Information

This information has to be sent to IVRPOWERS to get a license key.

```
Version
                    V12
             :
Build
            :
 CVS Revision :
                   $Revision: 1.719.2.5 $
 Gcc
       :
                   V4.4
                   64 bits
 Arch
            :
            :
                   x86 64
 Target
 Asterisk
            :
                   V11.16.0
 Option sum
            :
 Date
                   May 5 2015 23:38:06
            :
Code
            :
                    ******
```

Key Settings

- Key: [License Key] Set here your license key
- Max sessions: [Number of ports] Set here the number of ports allocated by your key
- Expiration date: [No permanent keys parameter] Set here your expiration date
- Video: [Yes | No] Always No
- Text-to-Speech: [Yes | No] TTS enabled or not
- Speech: [Yes | Emulation | Automatic | Debug | No] ASR modes
- Externals: [Yes | No]

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- Dialer: [Yes | No] Always No
- Chan H323: [Yes | No] Always No
- Chan RTMP: [Yes | No] Not yet available

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r (VoiceXML)	Admin v	Applications v	Connectivity v	Reports v	Settings v	Restart Interpreter	Logout:
(- !) (1)	0						
VOICEXIMI	. Settin	.gs					
Categories:	General	I License I	System Clear	ning			
System infor	mation						
Version	:	V12.1					
Build	:						
CVS Revis	on :	\$Revision: 1.75	8\$				
Gcc	:	V4.4					
Target		V96 64					
Actorick		V11 16 0					
Ontion sur	n .	V11.10.0					
Date		Sep 30 2015 11	:59:32				
Code		0c0000000000000000000000000000000000000	0010bpp6.i6ne	org			
License (The	form is al	ready filled with th	e existina value	s in the licens	e configuration)	
Koy							
Rey							
Max session	s O	1					
Expiration da	ite 🔨						
		1.000					
Video ²		Yes	No				
	0						
Text-to-Spee	ch 🍟	Yes	No				
		Yes	Emulation	Automatic	Debug N		
Speech ²							
Speech ²							
Speech ²							

					Restart Interpreter		Logout
License (The form is alread	ady filled with the	e existing value	s in the licens	e configuratio	on)		
Key [©]							
Max sessions	1						
Expiration date ²							
Video 2	Yes	No					
Text-to-Speech	Yes	No					
Speech ²	Yes	Emulation	Automatic	Debug	No		
Externals ²	Yes	No					
Dialer ⁰	Yes	No					
Chan H323 [©]	Yes	No					
Chan RTMP ²	Yes	No					
Save Discard							
IVRPowers Voice	XML Platform	61				🔅 Support	IVR Powers.
, Actuate Octobe							

System Clearing:

This section is very important to keep your system clean and avoid to fill all your disk capacity. Take care to backup all data you would like to store before cleaning your system:

Space Usage

Call Recording	:	4.1M
Interpreter Cache	:	400K
Total Disk	:	5.1G
Remaining Free Disk Space	:	4.6G
Total Disk Size	:	9.7G

Actions

Clean Call Recording -> Clean all recording files (wav files) Clean Interpreter Cache -> Clean all VoiceXML Interpreter cache files

Admin • Applications • Connectivity • Reports • Settings • biceXML Settings utegories: General License System Cleaning all Recording : 15M hterpreter Cache : 6.1M tabl Disk Space : 4.26 tabl Disk Space : 4.26						pp6.i6net.org	<u> </u>		
tiegories: General License System Cleaning xace Usage all Recording : 18M therpreter Cache : 6.1M bal Disk Size : 9.76 tions	or (VoiceXML) Admin v	Applications v	Connectivity v	Reports v	Settings v	Restart Interpreter			Logout: ad
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Clean Call Recording									
	Clean Call Recording	Clean Interpreter	Cache						
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MRPowers VoiceXML Platform	Clean Call Recording	Clean Interpreter	Cache					🌣 Support	IVE Powers.co

SIP Settings

ASR Configuration

Menu: Settings -> ASR Resources

General Settings

- Local IP: [Set the local server IP X.X.X.X of your server]

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- MRCP Version: [v1 | v2]

RTSP Settings

- Server IP: [Set the IP X.X.X.X of the MRCP server]
- Server Port: [Set the default port for MRCP, 554]

Extra ASR Configuration

- Grammar Format: [Set the grammar format: gram, bnf, grm, grxml, srgs, txt]

To make this modifications effective you need to "Save" the canges, then press the "Apply Config" button and then the "Restart Platform".

General Settings						
Local IP 0	192.168.100.148					
MRCP Version ²	V1	•				
RTSP Settings						
Server IP 0	10.0.0.1					
Server Port	554					
Extra ASR Configurati	ion					
Grammar Format	grm	0				
To make this modifications the "Restart Platform". Save Discar	effective you need to "Save" th	he canges, then press the	"Apply Config" button	and then		

TTS Configuration

Menu: Settings -> TTS Engine

- TTS Mode: [HTTP | MRCP] Set the TTS connector mode

HTTP Mode

- URL: Set the URL for the TTS engine

MRCP Mode

- Local IP: The private IP of the network interface
- Local Port: Local Port for the MRCP connector (This value can not be modified)
- Remote IP: IP of the machine where the MRCP server is
- Remote Port: Port to connect to the MRCP service

Common Settings

- Maxage: This parameter force to reset the TTS cache 0 = no cache, default = 10
- SSML: Set the SSML/XML format mode for TTS

To make this modifications effective you need to "Save" the canges, then press the "Apply Config" button and then the "Restart Platform".

TTC Engin	Configuration				
TIS Engine	econiiguration				
TTS Mode:	НТТР	٥			
URL 0	http://ivr.i6net.org/tts/b	aratinoo			
Maxage ⁰	10				
SSML 0	0				
then the "Restart F	lattorm". Discard				
then the "Restart F	lauformt.				

Telephony Log Settings

Menu: Settings -> Telephony Log Settings

IMPORTANT: Use extreme caution when making changes!

General Settings:

- Date Format: Set the date format
- Log rotation: [Sequential | Rotate | Timestamp]
- Append Hostname: [Yes | No]
- Log Queues: [Yes | No]

Log Files:

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						Restart Interpreter			Logout: adm
VoiceXM	L IVR Ad	vanced Set	ttings						
IMPORTANT	: Use extrem	e caution when r	making changes!				_		
Some of thes Readonly Set not set at defi	e settings ca ttings' to true. ault.	n render your sy . Once changed	stem inoperable. you must save th	You are urg e setting by	ed to backup checking the	before making any chang green check box that app	es. Readonly se ears. You can r	ettings are usually more volatile, they can b restore the default setting by clicking on the	be changed by changing 'Override a icon to the right of the values if
Advanced S	Settings Deta	ails							
Display Frier	ndly Name [©]		True False						
Display Rea	donly Setting	s 0	True False				2		
Override Re	adonly Settin	igs 🔨	True False						
Asterisk Bu	iltin mini-H1	TP server							
Enable Stati	c Content ⁰		True False						
Enable the n	nini-HTTP Se	erver ⁰	True False						
HTTP Bind	Address 🛛		0.0.0						
HTTP Bind F	Port Ø		8088						
HTTP Prefix	0								
Asterisk Ma	nager								
			In sufficient						
Asterisk Mar	nager Host 🖤	0	localnost						
Asterisk Mar	nager Passw	ord 🖤	amp111						
Asterisk Mar	nager Port ¹⁰		5038						

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		IS V Restart Interpreter		Logout
Asterisk Manager Proxy Port [©]				
Asterisk Manager User 🎱	admin			
Asterisk Manager Write Timeout 🕫	5000			
CDR Report Module				
Enable CEL Reporting	True False	2		
Developer and Customization				
Always Download Web Assets 🕫	True False			
AMPLOCALBIN Dir for retrieve_conf				
Debug File ²	/var/log/asterisk/freepbx_dbug			
Default Language	en_US			
Developer Mode [®]	True Faise			
Disable VoiceXML IVR dbug Logging 🕫	True False	2		
Disable Mainstyle CSS Compression ²	True False			
Disable Module Admin Caching ²	True False			
Display Monitor Trunk Failures Option	True False			
Enable jQuery Migrate	True False			
Enable Module Signature Checking	True False	2		
Enable Module Tracks	True False			
Enable Remote Unlocking	True False			

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		Settings v Restart Interpreter		Logout
Leave Reload Bar Up [®]	True False			
POST_RELOAD Debug Mode	True False			
POST_RELOAD Script				
PRE_RELOAD Script				
Provide Verbose Tracebacks	True False			
System Identity	VoiceXML Server	9		
Update Notifications	True False			
Use Packaged Javascript Library 🕫	True False			
Post Call Recording Script				
Device Settings				
Show all Device Setting on Add	True Faise			
Require Strong Secrets	True False			
Voicemail ¹⁰	True Faise			
SIP canrenivite (directmedia)	no			
SIP trustrpid	yes 📀			
SIP sendrpid	no 🜔			
SIP nat [®]	no			
SIP encryption ²	no 😂			
SIP qualifyfreg	60			

Advanced Settings

IMPORTANT: Use extreme caution when making changes!

Some of these settings can render your system inoperable. You are urged to backup before making any changes. Read only settings are usually more volatile, they can be changed by changing 'Override Readonly Settings' to true. Once changed you must save the setting by checking the green check box that appears. You can restore the default setting by clicking on the icon to the right of the values if not set at default.

5. IVR Watchdog

The watchdog is a cronjob that checks if the components of the IVR are properly running. If it is not the case, it will make sure that the components returns to their correct state.

By default it runs the checks every 30 minutes but this can be changed to suit the necessities of your platform. To do so, the crontab must be edited. With your favourite text editor open the file /etc/crontab,

sudo vi /etc/crontab

and change the following line to fit you requirements of frequency.

*/30 * * * * root /var/www/html/admin/modules/vxml/scripts/ivr_watchdog.sh