

Fonality trixbox Pro Cheat Sheet

Fonality Basics

Phone Number:	(310) 861-4300
Website	http://www.trixbox.com/
trixbox Pro Web Interface:	http://cp.trixbox.com/
Support Portal	http://www.trixbox.com/support/
Knowledge Base:	http://help.trixbox.com/
HUD Download	http://www.trixbox.com/gethud/

Linux Commands

Entering the Asterisk Console	asterisk -r
Checking Current System Load	top
Interrupt Information	cat /proc/interrupts
RAID Array Information	cat /proc/mdstat
Inspecting the trixbox Pro Monitor Log	tail -n 200 /var/log/astwatch.log less
Checking the Routing table	netstat -rn OR route
Checking CPU Information	cat /proc/cpuinfo
Checking Memory Information	cat /proc/meminfo
Running tcpdump	tcpdump -A -s 10000 port <port> and host <host>
Running PING tests	ping -i 0.02 -c 500 -s 270 <host>
Intensive Performance Information	vmstat 1
Current Wanpipe Version	wanrouter version
Current system processes	ps aux
Current Networking Information	ifconfig -a
Duplexing Diagnostics	mii-tool
Rsync Usage	rsync -av -essh /path/to/file <remote_site>:/path/to/file
SCP Usage	scp /path/to/file <remote_host>:/path/to/file
Checking Disk Space	df -h
Show Installed Hardware	lspci

Tips/Tricks/Troubleshooting

Have Echo?	Use the Echo Troubleshooter
Phones Won't Register?	Make sure trixbox Pro is the Primary DNS Server
Show Current Registration Information	perl /var/adm/bin/show_registration.pl
Start trixbox Pro Monitor	perl /var/adm/bin/astwatch.pl
Zaptel Card Status	zttool
Detailed Card Status	ztcfg -vvv
T1 Error / Status	wanpipemon -i w1g1 -c Ta
Analog Voltage Check	wanpipemon -i w1g1 -c astats -m <line_number>
Start Wanpipe Driver	wanrouter start
Stop Wanpipe Driver	wanrouter stop
Mail not being delivered?	Set Mail forwarder in the Options->Settings page

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Phone Shortcuts	
Dial to Extension's Voicemail	*86<ext_number>
Intercom Extension	*74<ext_number>
Log in Agent	*1 OR *54
Log out Agent	*3 OR *56
Log in Agent (respect forwarding)	*50
Dial Voicemail	8555
Dial Main Menu	0
Asterisk Commands	
Show Current Peers	sip/iax2 show peers/peer <MAC>
Show Current Registration	sip/iax2 show registry
PRI Status	pri show span <span_number>
Database Dump	database show
Show Channels	show channels
Hangup a Channel	soft hangup <channel_name>
Show Channel Detail	show channel <channel_name>
SIP Debug	sip debug ip <host>
Starting Asterisk	/etc/init.d/asterisk start
Stopping Asterisk	/etc/init.d/asterisk stop
Reloading Asterisk	reload
Restarting Asterisk (without modules)	restart now
Restarting Asterisk (when there are no active calls)	restart when convenient
Enter PRI Debug Mode	pri debug span <span_number>
Location of trixbox Pro Configuration Files	
Asterisk Configuration Files	/etc/asterisk/*.conf
Asterisk SIP Configuration	/etc/asterisk/sip.conf
Voicemail Configuration Files	/etc/asterisk/voicemail.conf
Asterisk IAX2 Configuration	/etc/asterisk/iax.conf
Fonality Menu's	/etc/asterisk/fonality/<MENU_NAME>.conf
Asterisk Log Configuration	/etc/asterisk/logger.conf
Dial Plan Configuration	/etc/asterisk/fonality/trunk*.conf
Wanpipe Configuration Files	/etc/wanpipe/*
Zaptel Configuration	/etc/asterisk/zaptel.conf
Zapata Configuration Files	/etc/asterisk/zapata.conf
CDR Log Files	/var/log/asterisk/cdr-csv
Queue Log Files	/var/log/asterisk/queue*.log
Asterisk Log File	/var/log/asterisk/messages
Voicemail Messages	/var/spool/asterisk/voicemail/default
Music on Hold	/var/lib/asterisk/mohmp3/
Voice Prompts	/var/lib/asterisk/sounds/
Phone Firmware and Config Locations	/tftpboot/
System Log Files	/var/log/messages

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