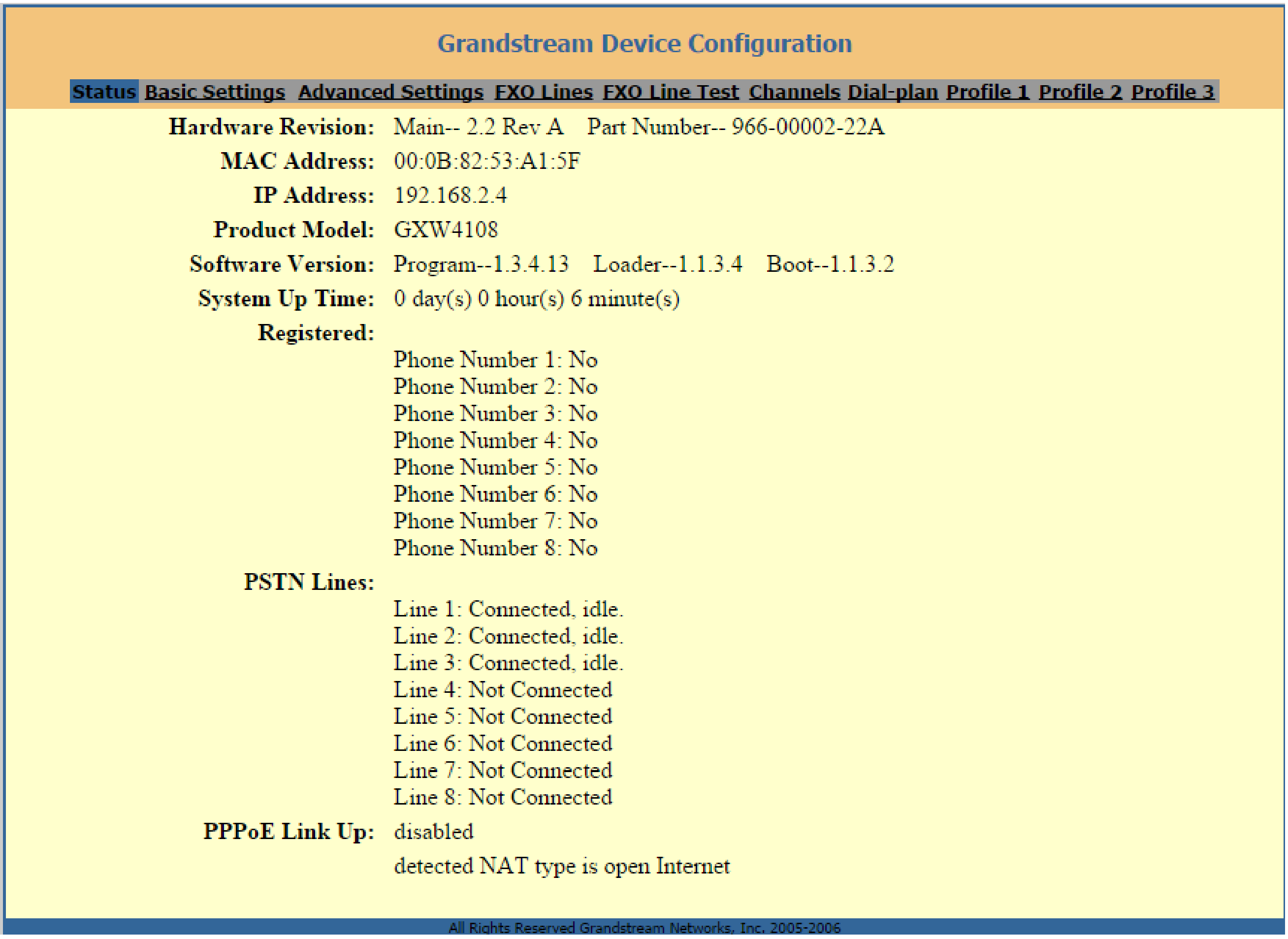
Segue os prints da nossa configuração atual.


Grandstream Device Configuration

Status Basic Settings Advanced Settings FXO Lines FXO Line Test Channels Dial-plan Profile 1 Profile 2 Profile 3

Hardware Revision:	Main-- 2.2 Rev A Part Number-- 966-00002-22A
MAC Address:	00:0B:82:53:A1:5F
IP Address:	192.168.2.4
Product Model:	GXW4108
Software Version:	Program--1.3.4.13 Loader--1.1.3.4 Boot--1.1.3.2
System Up Time:	0 day(s) 0 hour(s) 6 minute(s)
Registered:	Phone Number 1: No Phone Number 2: No Phone Number 3: No Phone Number 4: No Phone Number 5: No Phone Number 6: No Phone Number 7: No Phone Number 8: No
PSTN Lines:	Line 1: Connected, idle. Line 2: Connected, idle. Line 3: Connected, idle. Line 4: Not Connected Line 5: Not Connected Line 6: Not Connected Line 7: Not Connected Line 8: Not Connected
PPPoE Link Up:	disabled
	detected NAT type is open Internet

Grandstream Device Configuration

Status | Basic Settings | Advanced Settings | FXO Lines | FXO Line Test | Channels | Dial-plan | Profile 1 | Profile 2 | Profile 3

Web Access:	(•) HTTP ( ) HTTPS
Web Port:	80 (default for HTTP is 80 and HTTPS is 443)
End User Password:	(purposely not displayed for security protection)
IP Address:	( ) dynamically assigned via DHCP (non-default) or PPPoE: (will attempt PPPoE first if PPPoE setting is non-blank)

DHCP hostname (Option 12):	
DHCP domain (Option 15):	
DHCP vendor class ID (Option 60):	Grandstream GXW4108
PPPoE account ID:	
PPPoE account password:	
PPPoE service name (option):	

Preferred DNS server: 0 . 0 . 0 . 0

(•) statically configured (default) as:

IP Address:	192	168	2	4
Subnet Mask:	255	255	255	0
Default Router:	192	168	2	1
DNS Server 1:	192	168	2	1
DNS Server 2:	192	168	2	1

Time Zone:	GMT-5:00 (US Eastern Time, New York) Allow DHCP Option 2 to override Time Zone setting: (•) No ( ) Yes
Daylight Savings Time:	(•) No ( ) Yes Optional Rule: 3,2,7,2,0;11,1,7,2,0;60

Grandstream Device Configuration

Status Basic Settings Advanced Settings **FXO Lines** FXO Line Test Channels Dial-plan Profile 1 Profile 2 Profile 3

FXO Termination

1. Enable Current Disconnect(Y/N):	ch1-8:Y;	(default Y-yes)
If enabled, use threshold:	ch1-8:100;	(default 100ms, range 5 ~ 65530 ms)
2. Enable Tone Disconnect(Y/N):	ch1-8:N;	(default No; If yes, use busy tone settings)
3. Enable Polarity Reversal(Y/N):	ch1-8:N;	(default No; Consult your carrier)
4. Enable Call Answer Supervision(Y/N):	ch1-8:N;	(default No; Consult your carrier)
5. Silence Timeout(X1s):	ch1-8:60;	(default 60s)
6. Incoming Call Ring Timeout(X1s):	ch1-8:6;	(2-10s, default 6s)
7. AC Termination Impedance:	ch1-8:0;	(0-15, default 0)

AC Termination Impedance Values (0-15, default 0)
0 - 600 Ohm (North American)
1 - 900 Ohm
2 - 270 Ohm + (750 Ohm || 150nF) and 275 Ohm + (780 Ohm || 150nF)
3 - 220 Ohm + (820 Ohm || 120nF) and 220 Ohm + (820 Ohm || 115nF)
4 - 370 Ohm + (620 Ohm || 310nF)
5 - 320 Ohm + (1050 Ohm || 230nF)
6 - 370 Ohm + (820 Ohm || 110nF)
7 - 275 Ohm + (78 Ohm || 150 nF)
8 - 120 Ohm + (820 Ohm || 110 nF)
9 - 350 Ohm + (1000 Ohm || 210nF)
10 - 0 Ohm + (900 Ohm || 30nF)
11 - 600 Ohm + 2.16 uF
12 - 900 Ohm + 1 uF
13 - 900 Ohm + 2.16 uF

Continuação pagina **FXO lines.**

13 - 900 Ohm + 2.16 uF
14 - 600 Ohm + 1 uF
15 - Global complex impedance

Channel Dialing to PSTN

1. Wait for Dial-Tone(Y/N): ch1-8:N; (default No)
2. Stage Method(1/2): ch1-8:2; (default 2 - 2 stage dialing)
3. Min Delay Before Dialing Out: ch1-8:500; (default 500ms, range 50 ~ 65000ms)

Channel Dialing to VoIP

1. Unconditional Call Forward:

User ID: ch1:7700;ch2:7701;ch3:9888;ch4-8:; (i.e ch1-2:223;ch3:224)

Sip Server: @ ch1-8:p1; (ch1-2:p1;ch3:p2)

Sip Destination Port: : ch1-8:5060; (ch1-2:5060;ch2:7080)

PSTN to VOIP Caller ID Setting

1. Number of Rings Before Pickup: ch1-8:1; (1-50, default 4)
2. Caller ID Scheme: ch1-8:1; (1-11, default 1)

1 - Bellcore/Telcordia
2 - ETSI-FSK during ringing
3 - ETSI-FSK prior to ringing with DTAS
4 - ETSI-FSK prior to ringing with LR
5 - ETSI-FSK prior to ringing with RP
6 - ETSI-DTMF during ringing
7 - ETSI-DTMF prior to ringing with DTAS
8 - ETSI-DTMF prior to ringing with LR
9 - ETSI-DTMF prior to ringing with RP
10 - SIN 227 - BT
11 - NTT - Japan

Continuação pagina **FXO lines.**

3. Caller ID Transport Type: ch1-8:1; (1-4, default 1)

1 - Relay via SIP From
2 - Disabled
3 - Send Anonymous
4 - Relay via SIP P-Asserted-Identity

T.38 Setting (Syntax: ch x-y: mode=val,rate=val,ecm=val;[...])

1. T.38 Setting: ch1-8:mode=1,rate=9600,ecm=1;

(mode: 1:Relay(default), 2:Passthough)
(rate: 2400, 4800, 7200, 9600(default), 12000, 14400)
(ecm: 1:Enable(default), 0:Disable)

Update Cancel Reboot

GXW4108 - Tronco configurado no Elastix.

type=friend

qualify=yes

secret=minhasenha

host=192.168.2.4 **– ip do GXW4108**

context=from-pstn

port=5060

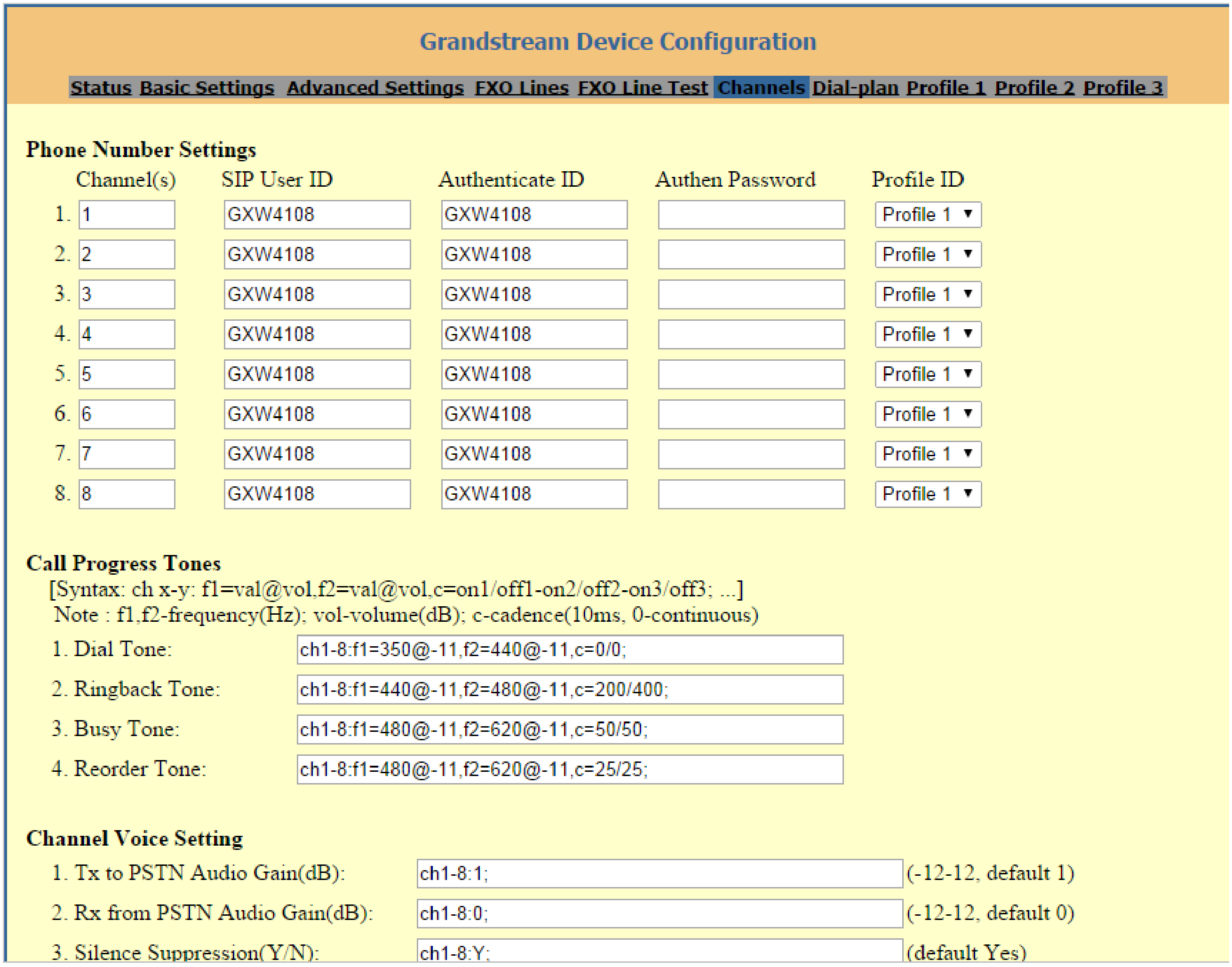
dtmfmode=rfc2833

canreinvite=no

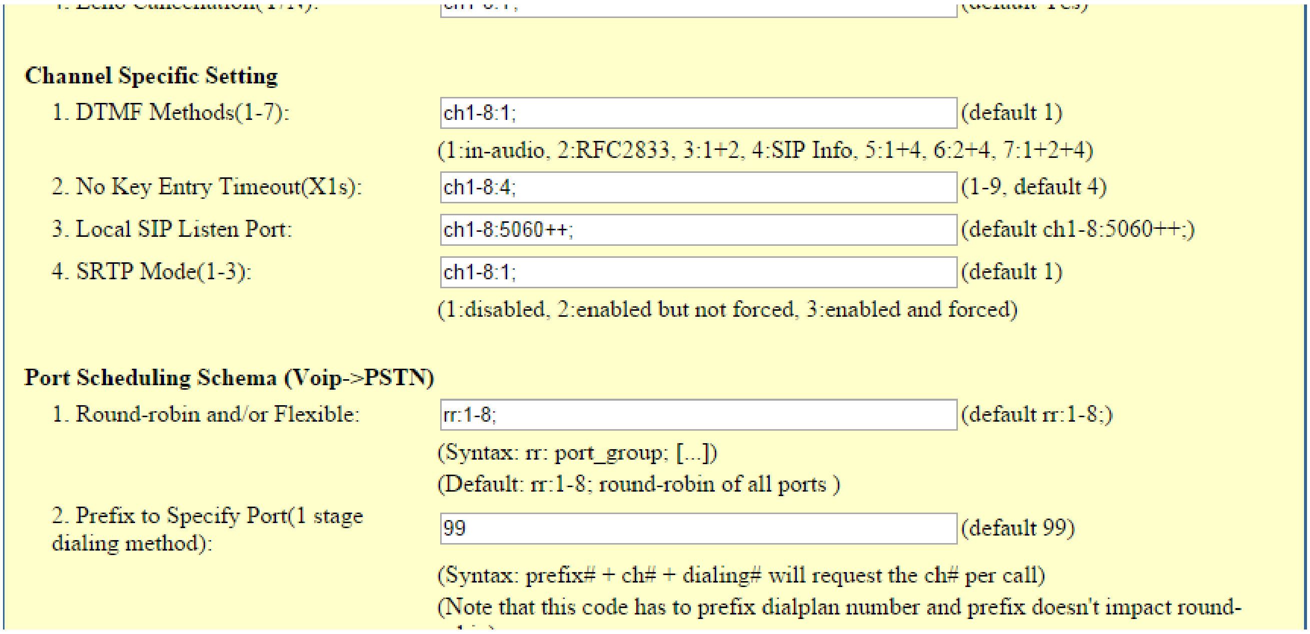
disallow=all

allow=ulaw

insecure=port



Continuação pagina **channels.**



192.168.2.1 - IP Elastix.

Grandstream Device Configuration

Status **Basic Settings** **Advanced Settings** **FXO Lines** **FXO Line Test** **Channels** **Dial-plan** **Profile 1** **Profile 2** **Profile 3**

Activate Profile:	◉ Yes ○ No
Profile Name:	[ ] (Optional, name of your profile)
SIP Server:	192.168.2.1 (Server domain name or IP address)
Outbound Proxy:	192.168.2.1 (Domain name or IP address if in use)
Use DNS SRV:	◉ No ○ Yes
User ID is phone number:	◉ No ○ Yes
SIP Registration:	○ Yes ◉ No
Unregister On Reboot:	◉ Yes ○ No
Register Expiration:	60 (in minutes. default 1 hour, max 45 days)
SIP Registration Failure Retry Wait Time:	20 (in seconds. Between 1-3600, default is 20)
SIP Transport:	◉ UDP ○ TCP
NAT Traversal (STUN):	◉ No ○ No, but send keep-alive ○ Yes
Proxy-Require:	[ ] (content for SIP Proxy-Require header)
Early Dial:	◉ No ○ Yes (use "Yes" only if proxy supports 484 response)
Session Expiration:	180 (in seconds. default 180 seconds)
Min-SE:	90 (in seconds. default and minimum 90 seconds)
Caller Request Timer:	○ Yes ◉ No (Request for timer when making outbound calls)
Callee Request Timer:	○ Yes ◉ No (When caller supports timer but did not request one)
Force Timer:	◉ Yes ○ No (Use timer even when remote party does not support)
UAC Specify Refresher:	○ UAC ○ UAS ◉ Omit (Recommended)
UAS Specify Refresher:	◉ UAC ○ UAS (When UAC did not specify refresher tag)
Force INVITE:	○ Yes ◉ No (Always refresh with INVITE instead of UPDATE)

Continuação pagina **profile1.**

Enable 100rel:	○ Yes ◉ No
Refer-To Uses Target Contact	◉ No ○ Yes
INVITE Ring-no-answer Timeout:	40 (in seconds. default 40 seconds)
Accept INVITE from Proxy Only	○ No ◉ Yes
	choice 1: G.729A/B ▾ choice 5: GSM ▾