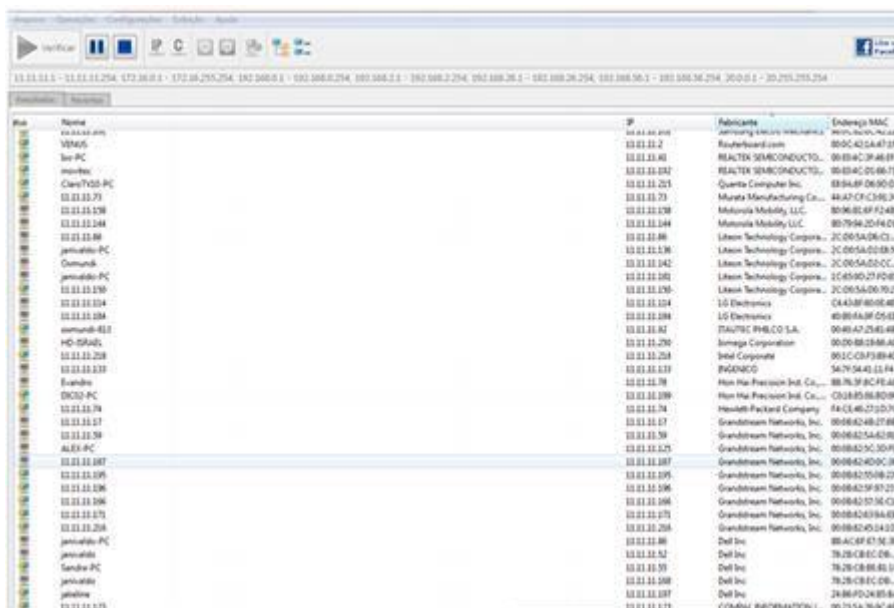
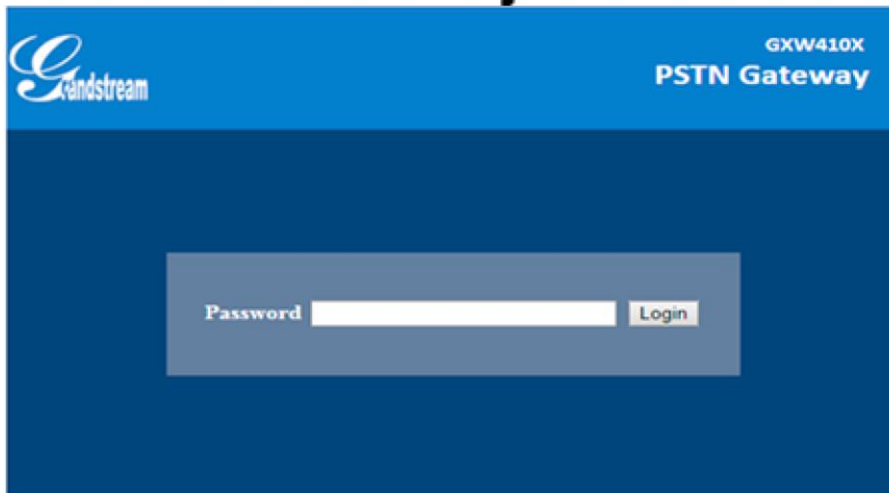


Para iniciarmos a configuração do ponto a ponto, conecte o gateway GXW 4104 à rede pela porta LAN. O Grandstream GXW 4104 obtém IP DHCP, ou seja, recebe um endereço distribuído por um servidor da própria rede. Uma maneira bastante fácil de descobrir qual o IP foi atribuído ao equipamento, é utilizar um programa que lista todos os IP's da rede, por exemplo: Advanced IP Scanner e verificar através do endereço MAC do dispositivo.

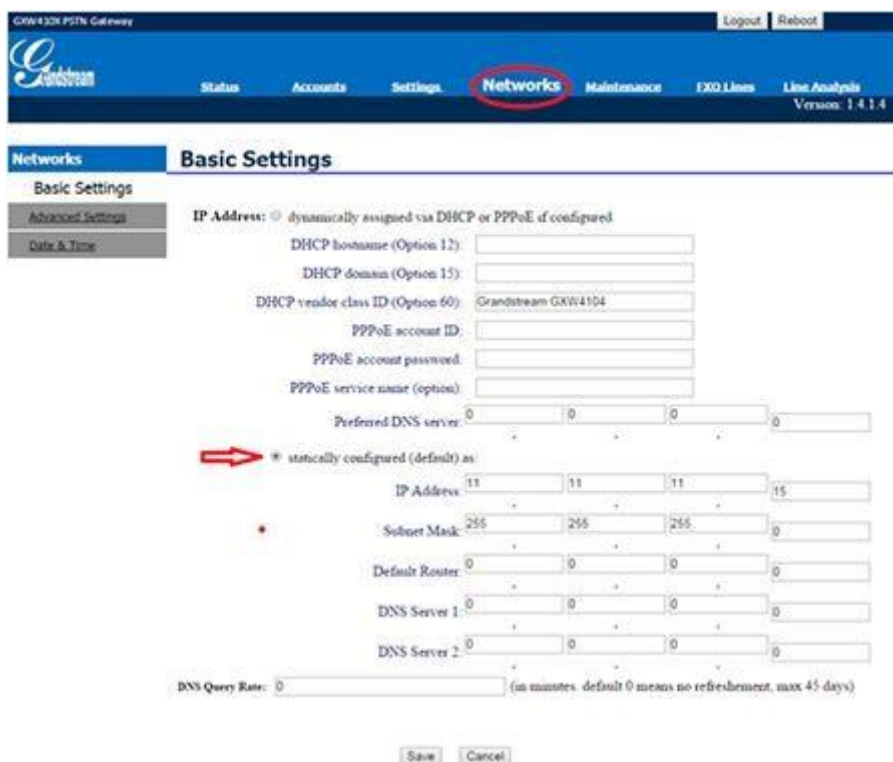
Endereço	Nome	IP	Fabricante	Endereço MAC
192.168.1.1	Routerboard.com	192.168.1.1	Routerboard.com	88:63:42:5A:47:2F
192.168.1.2	Routerboard.com	192.168.1.2	Routerboard.com	88:63:42:5A:47:2F
192.168.1.3	Routerboard.com	192.168.1.3	Routerboard.com	88:63:42:5A:47:2F
192.168.1.4	Routerboard.com	192.168.1.4	Routerboard.com	88:63:42:5A:47:2F
192.168.1.5	Routerboard.com	192.168.1.5	Routerboard.com	88:63:42:5A:47:2F
192.168.1.6	Routerboard.com	192.168.1.6	Routerboard.com	88:63:42:5A:47:2F
192.168.1.7	Routerboard.com	192.168.1.7	Routerboard.com	88:63:42:5A:47:2F
192.168.1.8	Routerboard.com	192.168.1.8	Routerboard.com	88:63:42:5A:47:2F
192.168.1.9	Routerboard.com	192.168.1.9	Routerboard.com	88:63:42:5A:47:2F
192.168.1.10	Routerboard.com	192.168.1.10	Routerboard.com	88:63:42:5A:47:2F
192.168.1.11	Routerboard.com	192.168.1.11	Routerboard.com	88:63:42:5A:47:2F
192.168.1.12	Routerboard.com	192.168.1.12	Routerboard.com	88:63:42:5A:47:2F
192.168.1.13	Routerboard.com	192.168.1.13	Routerboard.com	88:63:42:5A:47:2F
192.168.1.14	Routerboard.com	192.168.1.14	Routerboard.com	88:63:42:5A:47:2F
192.168.1.15	Routerboard.com	192.168.1.15	Routerboard.com	88:63:42:5A:47:2F
192.168.1.16	Routerboard.com	192.168.1.16	Routerboard.com	88:63:42:5A:47:2F
192.168.1.17	Routerboard.com	192.168.1.17	Routerboard.com	88:63:42:5A:47:2F
192.168.1.18	Routerboard.com	192.168.1.18	Routerboard.com	88:63:42:5A:47:2F
192.168.1.19	Routerboard.com	192.168.1.19	Routerboard.com	88:63:42:5A:47:2F
192.168.1.20	Routerboard.com	192.168.1.20	Routerboard.com	88:63:42:5A:47:2F
192.168.1.21	Routerboard.com	192.168.1.21	Routerboard.com	88:63:42:5A:47:2F
192.168.1.22	Routerboard.com	192.168.1.22	Routerboard.com	88:63:42:5A:47:2F
192.168.1.23	Routerboard.com	192.168.1.23	Routerboard.com	88:63:42:5A:47:2F
192.168.1.24	Routerboard.com	192.168.1.24	Routerboard.com	88:63:42:5A:47:2F
192.168.1.25	Routerboard.com	192.168.1.25	Routerboard.com	88:63:42:5A:47:2F
192.168.1.26	Routerboard.com	192.168.1.26	Routerboard.com	88:63:42:5A:47:2F
192.168.1.27	Routerboard.com	192.168.1.27	Routerboard.com	88:63:42:5A:47:2F
192.168.1.28	Routerboard.com	192.168.1.28	Routerboard.com	88:63:42:5A:47:2F
192.168.1.29	Routerboard.com	192.168.1.29	Routerboard.com	88:63:42:5A:47:2F
192.168.1.30	Routerboard.com	192.168.1.30	Routerboard.com	88:63:42:5A:47:2F
192.168.1.31	Routerboard.com	192.168.1.31	Routerboard.com	88:63:42:5A:47:2F
192.168.1.32	Routerboard.com	192.168.1.32	Routerboard.com	88:63:42:5A:47:2F
192.168.1.33	Routerboard.com	192.168.1.33	Routerboard.com	88:63:42:5A:47:2F
192.168.1.34	Routerboard.com	192.168.1.34	Routerboard.com	88:63:42:5A:47:2F
192.168.1.35	Routerboard.com	192.168.1.35	Routerboard.com	88:63:42:5A:47:2F
192.168.1.36	Routerboard.com	192.168.1.36	Routerboard.com	88:63:42:5A:47:2F
192.168.1.37	Routerboard.com	192.168.1.37	Routerboard.com	88:63:42:5A:47:2F
192.168.1.38	Routerboard.com	192.168.1.38	Routerboard.com	88:63:42:5A:47:2F
192.168.1.39	Routerboard.com	192.168.1.39	Routerboard.com	88:63:42:5A:47:2F
192.168.1.40	Routerboard.com	192.168.1.40	Routerboard.com	88:63:42:5A:47:2F
192.168.1.41	Routerboard.com	192.168.1.41	Routerboard.com	88:63:42:5A:47:2F
192.168.1.42	Routerboard.com	192.168.1.42	Routerboard.com	88:63:42:5A:47:2F
192.168.1.43	Routerboard.com	192.168.1.43	Routerboard.com	88:63:42:5A:47:2F
192.168.1.44	Routerboard.com	192.168.1.44	Routerboard.com	88:63:42:5A:47:2F
192.168.1.45	Routerboard.com	192.168.1.45	Routerboard.com	88:63:42:5A:47:2F
192.168.1.46	Routerboard.com	192.168.1.46	Routerboard.com	88:63:42:5A:47:2F
192.168.1.47	Routerboard.com	192.168.1.47	Routerboard.com	88:63:42:5A:47:2F
192.168.1.48	Routerboard.com	192.168.1.48	Routerboard.com	88:63:42:5A:47:2F
192.168.1.49	Routerboard.com	192.168.1.49	Routerboard.com	88:63:42:5A:47:2F
192.168.1.50	Routerboard.com	192.168.1.50	Routerboard.com	88:63:42:5A:47:2F
192.168.1.51	Routerboard.com	192.168.1.51	Routerboard.com	88:63:42:5A:47:2F
192.168.1.52	Routerboard.com	192.168.1.52	Routerboard.com	88:63:42:5A:47:2F
192.168.1.53	Routerboard.com	192.168.1.53	Routerboard.com	88:63:42:5A:47:2F
192.168.1.54	Routerboard.com	192.168.1.54	Routerboard.com	88:63:42:5A:47:2F
192.168.1.55	Routerboard.com	192.168.1.55	Routerboard.com	88:63:42:5A:47:2F
192.168.1.56	Routerboard.com	192.168.1.56	Routerboard.com	88:63:42:5A:47:2F
192.168.1.57	Routerboard.com	192.168.1.57	Routerboard.com	88:63:42:5A:47:2F
192.168.1.58	Routerboard.com	192.168.1.58	Routerboard.com	88:63:42:5A:47:2F
192.168.1.59	Routerboard.com	192.168.1.59	Routerboard.com	88:63:42:5A:47:2F
192.168.1.60	Routerboard.com	192.168.1.60	Routerboard.com	88:63:42:5A:47:2F
192.168.1.61	Routerboard.com	192.168.1.61	Routerboard.com	88:63:42:5A:47:2F
192.168.1.62	Routerboard.com	192.168.1.62	Routerboard.com	88:63:42:5A:47:2F
192.168.1.63	Routerboard.com	192.168.1.63	Routerboard.com	88:63:42:5A:47:2F
192.168.1.64	Routerboard.com	192.168.1.64	Routerboard.com	88:63:42:5A:47:2F
192.168.1.65	Routerboard.com	192.168.1.65	Routerboard.com	88:63:42:5A:47:2F
192.168.1.66	Routerboard.com	192.168.1.66	Routerboard.com	88:63:42:5A:47:2F
192.168.1.67	Routerboard.com	192.168.1.67	Routerboard.com	88:63:42:5A:47:2F
192.168.1.68	Routerboard.com	192.168.1.68	Routerboard.com	88:63:42:5A:47:2F
192.168.1.69	Routerboard.com	192.168.1.69	Routerboard.com	88:63:42:5A:47:2F
192.168.1.70	Routerboard.com	192.168.1.70	Routerboard.com	88:63:42:5A:47:2F
192.168.1.71	Routerboard.com	192.168.1.71	Routerboard.com	88:63:42:5A:47:2F
192.168.1.72	Routerboard.com	192.168.1.72	Routerboard.com	88:63:42:5A:47:2F
192.168.1.73	Routerboard.com	192.168.1.73	Routerboard.com	88:63:42:5A:47:2F
192.168.1.74	Routerboard.com	192.168.1.74	Routerboard.com	88:63:42:5A:47:2F
192.168.1.75	Routerboard.com	192.168.1.75	Routerboard.com	88:63:42:5A:47:2F
192.168.1.76	Routerboard.com	192.168.1.76	Routerboard.com	88:63:42:5A:47:2F
192.168.1.77	Routerboard.com	192.168.1.77	Routerboard.com	88:63:42:5A:47:2F
192.168.1.78	Routerboard.com	192.168.1.78	Routerboard.com	88:63:42:5A:47:2F
192.168.1.79	Routerboard.com	192.168.1.79	Routerboard.com	88:63:42:5A:47:2F
192.168.1.80	Routerboard.com	192.168.1.80	Routerboard.com	88:63:42:5A:47:2F
192.168.1.81	Routerboard.com	192.168.1.81	Routerboard.com	88:63:42:5A:47:2F
192.168.1.82	Routerboard.com	192.168.1.82	Routerboard.com	88:63:42:5A:47:2F
192.168.1.83	Routerboard.com	192.168.1.83	Routerboard.com	88:63:42:5A:47:2F
192.168.1.84	Routerboard.com	192.168.1.84	Routerboard.com	88:63:42:5A:47:2F
192.168.1.85	Routerboard.com	192.168.1.85	Routerboard.com	88:63:42:5A:47:2F
192.168.1.86	Routerboard.com	192.168.1.86	Routerboard.com	88:63:42:5A:47:2F
192.168.1.87	Routerboard.com	192.168.1.87	Routerboard.com	88:63:42:5A:47:2F
192.168.1.88	Routerboard.com	192.168.1.88	Routerboard.com	88:63:42:5A:47:2F
192.168.1.89	Routerboard.com	192.168.1.89	Routerboard.com	88:63:42:5A:47:2F
192.168.1.90	Routerboard.com	192.168.1.90	Routerboard.com	88:63:42:5A:47:2F
192.168.1.91	Routerboard.com	192.168.1.91	Routerboard.com	88:63:42:5A:47:2F
192.168.1.92	Routerboard.com	192.168.1.92	Routerboard.com	88:63:42:5A:47:2F
192.168.1.93	Routerboard.com	192.168.1.93	Routerboard.com	88:63:42:5A:47:2F
192.168.1.94	Routerboard.com	192.168.1.94	Routerboard.com	88:63:42:5A:47:2F
192.168.1.95	Routerboard.com	192.168.1.95	Routerboard.com	88:63:42:5A:47:2F
192.168.1.96	Routerboard.com	192.168.1.96	Routerboard.com	88:63:42:5A:47:2F
192.168.1.97	Routerboard.com	192.168.1.97	Routerboard.com	88:63:42:5A:47:2F
192.168.1.98	Routerboard.com	192.168.1.98	Routerboard.com	88:63:42:5A:47:2F
192.168.1.99	Routerboard.com	192.168.1.99	Routerboard.com	88:63:42:5A:47:2F
192.168.1.100	Routerboard.com	192.168.1.100	Routerboard.com	88:63:42:5A:47:2F

Agora que sabemos o IP que nosso gateway recebeu, vamos acessá-lo através do navegador web de sua preferência. Ao digitar o endereço no navegador aparecerá a tela de login. A senha padrão é **admin**



Conectado a interface do GXW4104 o primeiro passo é fixar um IP para evitar que o equipamento assuma outro endereço, tornando sem efeito as configurações ponto a ponto. Configure um IP dentro da sua rede.

>Networks>Basic Settings



Após fixarmos o IP do gateway, devemos conectar o equipamento através da porta WAN e acessá-lo novamente colocando o novo endereço no navegador web.

O segundo passo é configurar a aba FXO Lines, colocando os tons nacionais de sinalização. >FXO Lines>Settings

Dial Tone - ch1-4:f1=425@-10,f2=0@-10,c=0/0;

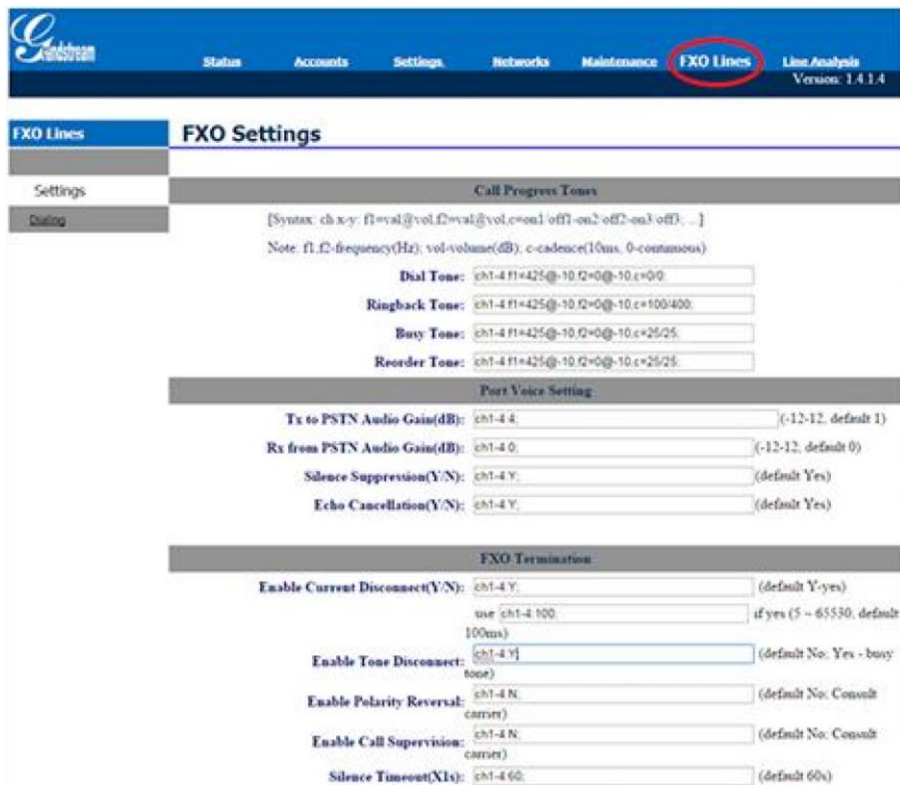
Ringback Tone - ch1-4:f1=425@-10,f2=0@-10,c=100/400;

Busy Tone - ch1-4:f1=425@-10,f2=0@-10,c=25/25;

Reorder Tone - ch1-4:f1=425@-10,f2=0@-10,c=25/25;

Tx to PSTN Audio Gain (dB): Troque 1 por 4 - Esta configuração oferece ganho no canal, aumentando a intensidade do áudio do equipamento para linha

Enable Tone Disconnect: Troque N por Y – permite o tom de desconexão, que informa que a ligação foi encerrada.



FXO Lines

FXO Settings

Settings

Dialing

[Syntax: ch x-y: f1=val@vol,f2=val@vol,c=on1:off1-on2:off2-on3:off3...]

Note: f1,f2-frequency(Hz); vol-volume(dB); c-cadence(10ms, 0-continuous)

Dial Tone: ch1-4:f1=425@-10,f2=0@-10,c=0/0;

Ringback Tone: ch1-4:f1=425@-10,f2=0@-10,c=100/400;

Busy Tone: ch1-4:f1=425@-10,f2=0@-10,c=25/25;

Reorder Tone: ch1-4:f1=425@-10,f2=0@-10,c=25/25;

Port Voice Setting

Tx to PSTN Audio Gain(dB): ch1-4:4; (-12-12, default 1)

Rx from PSTN Audio Gain(dB): ch1-4:0; (-12-12, default 0)

Silence Suppression(Y/N): ch1-4:Y; (default Yes)

Echo Cancellation(Y/N): ch1-4:Y; (default Yes)

FXO Termination

Enable Current Disconnect(Y/N): ch1-4:Y; (default Y=yes)

use ch1-4:100; if yes (5 ~ 65530, default 100ms)

Enable Tone Disconnect: ch1-4:Y; (default No; Yes - busy tone)

Enable Polarity Reversal: ch1-4:N; (default No; Consult carrier)

Enable Call Supervision: ch1-4:N; (default No; Consult carrier)

Silence Timeout(X1s): ch1-4:60; (default 60s)

AC Termination Impedance: Troque 0 por 1 - corresponde a 900 Ohm (utilizado no Brasil) Number of Rings Before Pickup: Troque 4 por 1 – corresponde ao número rings no gateway antes de passar a chamada

Caller ID Scheme: Devemos colocar o valor de acordo com a sinalização da nossa linha para receber o caller id (detectar qual número de telefone ligou)



lojamundi

AC Termination Impedance: (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
- 14 - 600 Ohm + 1 uF
- 15 - Global complex impedance

Port Caller ID Setting

Number of Rings Before Pickup: (1-50, default 4)

Caller ID Scheme: (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

Caller ID Transport Type: (1-4, default 1)

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

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Feito isto, salvamos as configurações.

Ainda em FXO Lines devemos configurar o sub-menu Dialing.

>FXO Lines>Dialing

Stage Method: Troque 2 por 1 e Salve



GXW4004 PSTN Gateway

Logout Reboot

Status Accounts Settings Networks Maintenance **FXO Lines** Line Analysis

Version: 1.4.1.4

FXO Lines **Dialing**

Settings

Dialing

Dialing to PSTN

Wait for Dial-Tone(Y/N): (default No)

Stage Method(1/2): (default 2 stage)

Min Delay Before Dialing Out: (default 500ms, 50 - 65000ms)

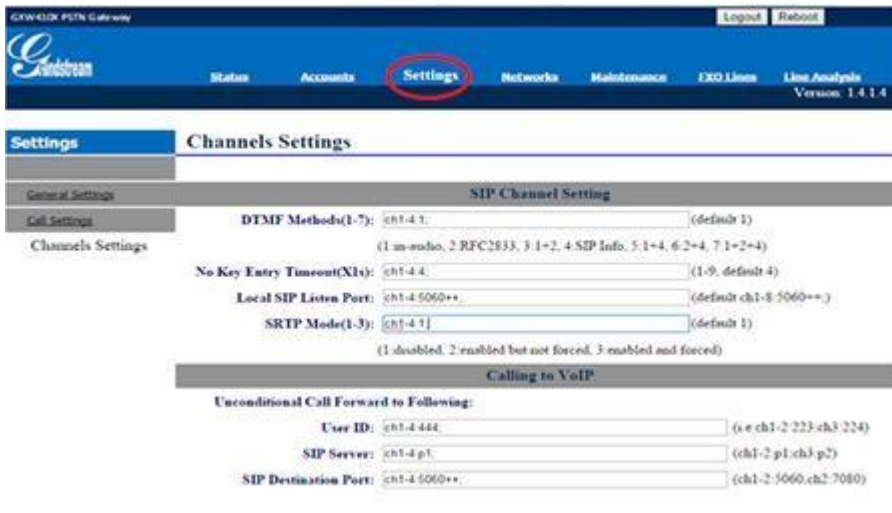
O terceiro passo é configurar a aba Settings e o sub-menu Channels Settings.

>Settings>Channels Settings

DTMF Methods (1-7): Devemos selecionar o padrão que melhor atenda nossa estrutura e repeti-lo no GXW 4004

User ID: Configure desta forma ch1-4:444; - coloque o número 444 para ligação bater direto no gateway FXS GXW 4004.

SIP Destination Port: ch1-4:5060++; - acrescentando o sinal ++ estamos dizendo que o equipamento se comunicará da porta 5060 em diante. Não é preciso alterar mais nenhuma configuração.



GXW4004 PSTN Gateway

Logout Reboot

Status Accounts **Settings** Networks Maintenance FXO Lines Line Analysis

Version: 1.4.1.4

Settings **Channels Settings**

General Settings

Call Settings

Channels Settings

SIP Channel Setting

DTMF Methods(1-7): (default 1)

(1 un-audio, 2 RFC2833, 3 1+2, 4 SIP Info, 5 1+4, 6 2+4, 7 1+2+4)

No Key Entry Timeout(Xls): (1-9, default 4)

Local SIP Listen Port: (default ch1-8-5060++)

SRTP Mode(1-3): (default 1)

(1 disabled, 2 enabled but not forced, 3 enabled and forced)

Calling to VoIP

Unconditional Call Forward to Following:

User ID: (ex: ch1-2-223;ch3-224)

SIP Server: (ch1-2-p1;ch3-p2)

SIP Destination Port: (ch1-2-5060;ch3-7080)

No quarto passo vamos configurar as contas, onde apontaremos para o gateway FXS GXW 4004

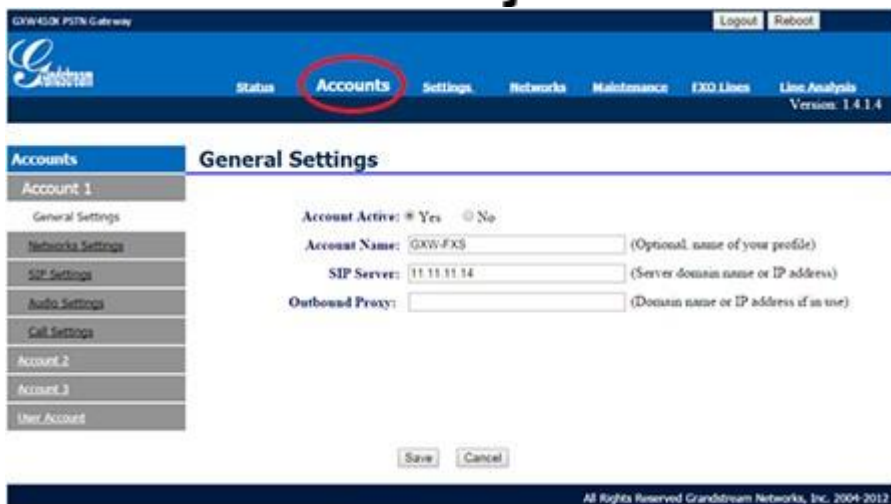
>Accounts>General Settings

Podemos configurar até 3 contas. Mas neste tutorial configuraremos apenas a conta 1 (Account 1)

Account Active: Selecione Yes

Account Name: Crie um nome para o gateway GXW 4004

SIP Server: Digite o IP do gateway GXW 4004 e Salve



GXW4104 PSTN Gateway

Logout Reboot

Status **Accounts** Settings Networks Maintenance FXO Lines Line Analysis

Version: 1.4.1.4

Accounts

Account 1

General Settings

Account Active: ☒ Yes ☐ No

Account Name: (Optional, name of your profile)

SIP Server: (Server domain name or IP address)

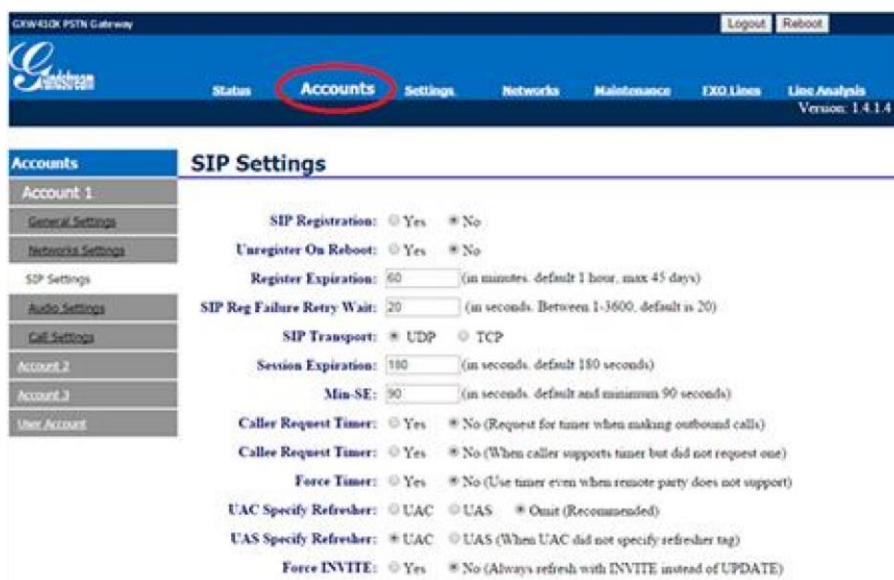
Outbound Proxy: (Domain name or IP address if in use)

Save Cancel

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>Accounts>SIP Settings

SIP Registration: Marque No. Não é necessário alterar as demais configurações, somente salve



GXW4104 PSTN Gateway

Logout Reboot

Status **Accounts** Settings Networks Maintenance FXO Lines Line Analysis

Version: 1.4.1.4

Accounts

Account 1

General Settings

Networks Settings

SIP Settings

Audio Settings

Call Settings

Account 2

Account 3

User Account

SIP Settings

SIP Registration: ☐ Yes ☒ No

Unregister On Reboot: ☐ Yes ☒ No

Register Expiration: (in minutes, default 1 hour, max 45 days)

SIP Reg Failure Retry Wait: (in seconds, Between 1-3600, default is 20)

SIP Transport: ☒ UDP ☐ TCP

Session Expiration: (in seconds, default 180 seconds)

Min-SE: (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)

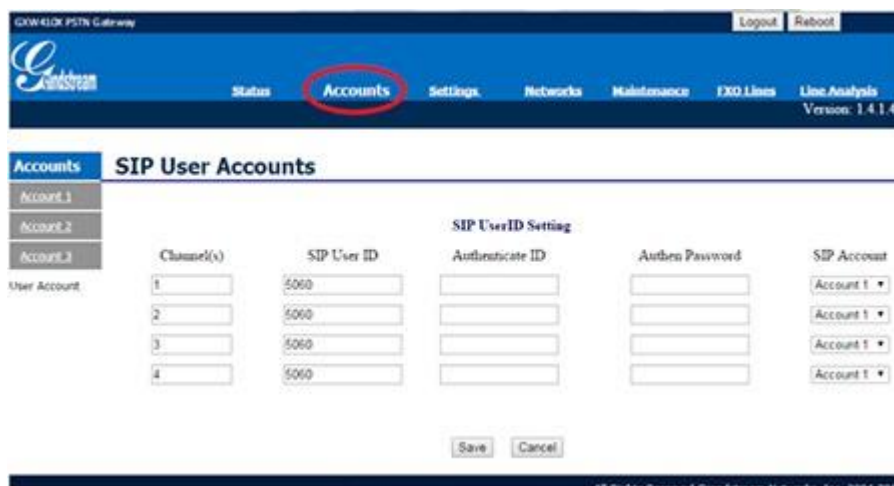
Force Timer: ☐ Yes ☒ No (Use timer even when remote party does not support)

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)

Ainda em Accounts, vamos configurar o sub-menu User Account, onde definiremos qual será o SIP User ID e como os canais serão utilizados. Não é necessário criar senhas.



GXW4104 PSTN Gateway

Logout Reboot

Status **Accounts** Settings Networks Maintenance FXO Lines Line Analysis

Version: 1.4.1.4

Accounts

Account 1

Account 2

Account 3

User Account

SIP User Accounts

SIP UserID Setting

Channel(s)	SIP User ID	Authenticate ID	Authen Password	SIP Account
1	5060			Account 1
2	5060			Account 1
3	5060			Account 1
4	5060			Account 1

Save Cancel

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Pronto! Fizemos as configurações do GXW 4104, agora vamos para o GXW 4004.



No quinto passo começaremos a configuração do gateway FXS GXW 4004 conectado pela porta LAN.

Este equipamento vem com o IP padrão 192.168.2.1 e a senha é admin, vamos colocá-lo na mesma rede do GXW 4104 fixando um IP no mesmo range.

>Basic Settings

Marque statically configured as e adicione o novo IP do equipamento

NAT/DHCP Server Information & Configuration: Selecione Bridge

Reply to ICMP on WAN port: Selecione Yes

WAN side HTTP/Telnet access: Selecione Yes



lojamundi

STATUS BASIC SETTINGS ADVANCED SETTINGS PROFILE 1 PROFILE 2 FXS PORTS

End User Password: (purposely not displayed for security protection)

Web Port: (default for HTTP is 80)

Telnet Server: ☐ No ☒ Yes

IP Address: ☐ dynamically assigned via DHCP

DHCP hostname: (optional)

DHCP vendor class ID: (optional)

☐ use PPPoE

PPPoE account ID:

PPPoE password:

PPPoE Service Name:

Preferred DNS server: . . .

☒ statically configured as:

IP Address: . . .

Subnet Mask: . . .

Default Router: . . .

DNS Server 1: . . .

DNS Server 2: . . .

Time Zone:

Self-Defined Time Zone: (For example: "MTZ+6MDT+5.M4.1.0.M11.1.0")

Language:

NAT/DHCP Server Information & Configuration:

Device Mode: ☐ NAT Router ☒ Bridge

NAT maximum ports: (range: 0 - 4096, default is 1024)

NAT TCP timeout: (range: 0 - 3600, default is 3600)

NAT UDP timeout: (range: 0 - 3600, default is 300)

Uplink bandwidth:

Downlink bandwidth:

Enable UPnP support: ☒ No ☐ Yes

Reply to ICMP on WAN port: ☐ No ☒ Yes (Unit will not respond to PING from WAN side if set to No)

WAN side HTTP/Telnet: ☐ No ☒ Yes (WAN side access will be rejected if set to No)

Agora que mudamos o IP do gateway, no sexto passo vamos conectá-lo à rede através da porta WAN e trocar os tons de sinalização para os padrões nacionais. Acesse a aba Advanced Settings.

>Advanced Settings

System Ring Cadence: c=1000/4000;

Dial Tone - ch1-4:f1=425@-10,f2=0@-10,c=0/0;

Ringback Tone - ch1-4:f1=425@-10,f2=0@-10,c=100/400;

Busy Tone - ch1-4:f1=425@-10,f2=0@-10,c=25/25;

Reorder Tone - ch1-4:f1=425@-10,f2=0@-10,c=25/25;

System Ring Cadence:

Dial Tone:

Ringback Tone:

Busy Tone:

Reorder Tone:

O sétimo passo é a configuração do Profile, onde iremos apontar o GXW 4004 para o GXW 4104.

>Profile1

Profile Active: Selecione Yes

Primary SIP Server: Digite o IP do gateway GXW 4104

SIP Registration: Selecione No

Grandstream Device Configuration

STATUS BASIC SETTINGS ADVANCED SETTING PROFILE 1 PROFILE 2 FXS PORTS

Profile Active: ☐ No ☒ Yes

Primary SIP Server: (e.g., sip.mycompany.com, or IP address)

Fallover SIP Server: (Optional, used when primary server no response)

Prefer Primary SIP Server: ☒ No ☐ Yes (yes - will register to Primary Server if Fallover registration expires)

Outbound Proxy: (e.g., proxy.mypvider.com, or IP address, if any)

SIP Transport: ☒ UDP ☐ TCP ☐ TLS (default is UDP)

NAT Traversal: ☒ No ☐ Keep-Alive ☐ STUN ☐ UPnP

DNS Mode: ☒ A Record ☐ SRV ☐ NAPTR SRV ☐ Use Configured IP

Primary IP:

Backup IP1:

Backup IP2:

Tel URI:

SIP Registration: ☒ No ☐ Yes

Unregister On Reboot: ☒ No ☐ Yes

Outgoing Call without Registration: ☐ No ☒ Yes

Ainda em Profile configure o Preferred DTMF method. A prioridade deve ser a mesma selecionada no GXW 4104.

Preferred DTMF method: (in listed order)

Priority 1:

Priority 2:

Priority 3:

Caller ID Scheme: Devemos Selecionar de acordo com a sinalização da linha

Caller ID Scheme:

Por fim, no oitavo passo, vamos configurar a FXS Port.

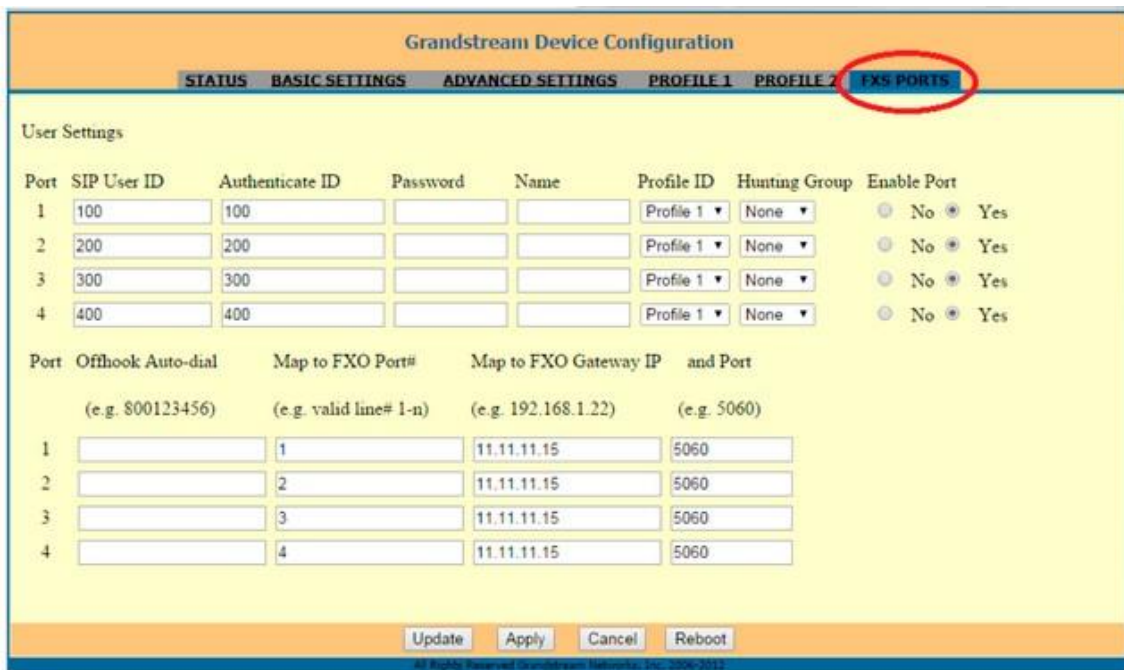
>FXS PORT

Crie os SIP user ID e aponte para o GXW 4104, não é preciso criar senha.

Neste exemplo foram criadas as contas: 100, 200, 300 e 400

Em Map to FXO Port# foram criadas 1, 2, 3 e 4. Já em Map FXO Gateway IP, digite o endereço do gateway GXW 4104.

A porta para comunicação em todos os canais é a 5060.



Grandstream Device Configuration

STATUS BASIC SETTINGS ADVANCED SETTINGS PROFILE 1 PROFILE 2 **FXS PORTS**

User Settings

Port	SIP User ID	Authenticate ID	Password	Name	Profile ID	Hunting Group	Enable Port
1	100	100			Profile 1	None	☐ No ☒ Yes
2	200	200			Profile 1	None	☐ No ☒ Yes
3	300	300			Profile 1	None	☐ No ☒ Yes
4	400	400			Profile 1	None	☐ No ☒ Yes

Port	Offhook Auto-dial (e.g. 800123456)	Map to FXO Port# (e.g. valid line# 1-n)	Map to FXO Gateway IP (e.g. 192.168.1.22)	and Port (e.g. 5060)
1		1	11.11.11.15	5060
2		2	11.11.11.15	5060
3		3	11.11.11.15	5060
4		4	11.11.11.15	5060

Update Apply Cancel Reboot

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Após estas configurações, o ponto a ponto entre o GXW 4104 e o GXW 4004 está pronto.

Até o próximo tutorial.