

Wildix PBX - Clearly SIP Trunk Configuration

After logging into your Wildix PBX, navigate to the **Trunks** page:



The screenshot shows the Wildix PBX interface with the 'Trunks' tab selected. The interface displays four sections for different trunk types: SIP, BRI/PRI, GSM/UMTS, and FXO. Each section has a table with columns for ID, type, and various configuration options. The 'SIP' section has columns for Login, Dialplan, Host, Port, Country Code, Status outgoing, and Status incoming. The 'BRI/PRI' section has columns for Port 1 Dialplan, Port 2 Dialplan, Port 3 Dialplan, Port 4 Dialplan, Host, Country Code, and Status. The 'GSM/UMTS' section has columns for Host, Country Code, and Status. The 'FXO' section has columns for Port 1 Dialplan, Port 2 Dialplan, Port 3 Dialplan, Port 4 Dialplan, Host, Country Code, and Status. All sections show 'No records found.' and have a '+' button to add a new record. A red box highlights the 'Trunks' tab in the top navigation bar, and a red arrow points to the 'SIP' dropdown menu.

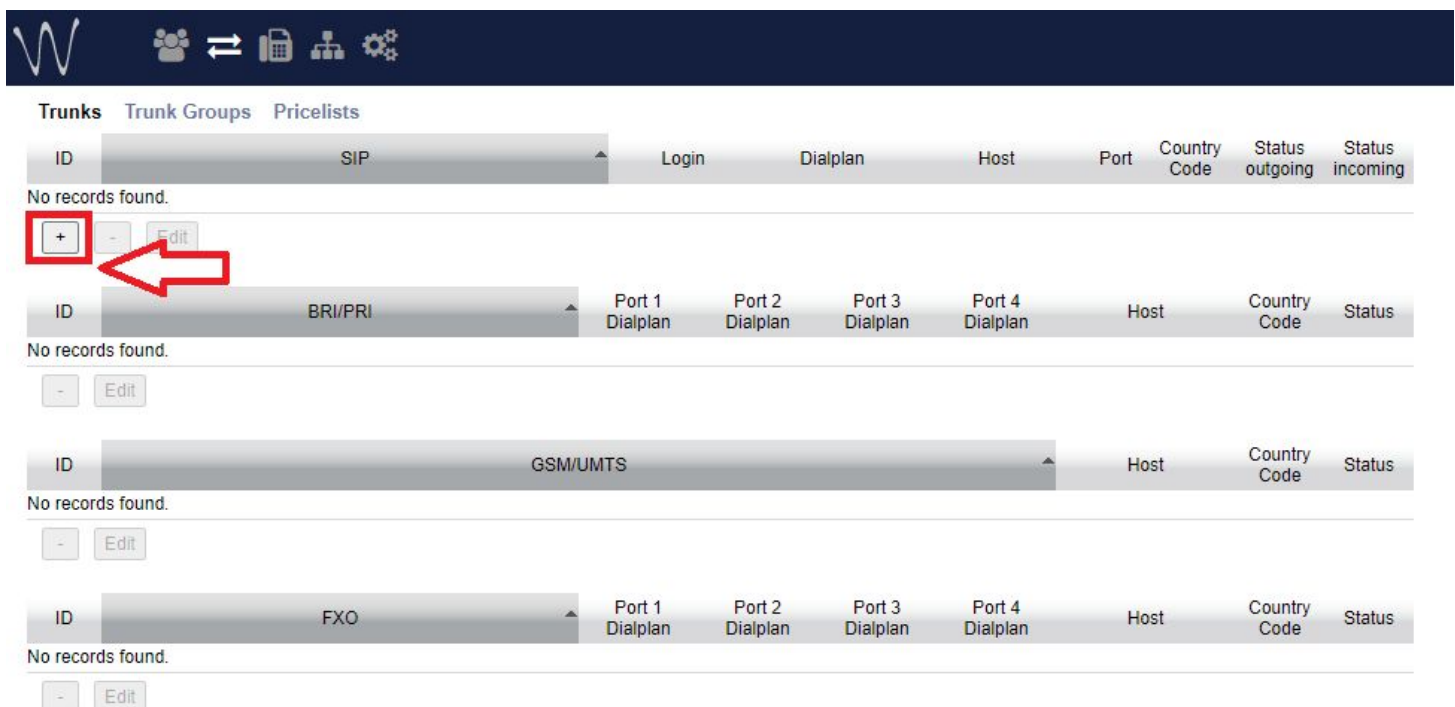
ID	SIP	Login	Dialplan	Host	Port	Country Code	Status outgoing	Status incoming
No records found.								
+ - Edit								

ID	BRI/PRI	Port 1 Dialplan	Port 2 Dialplan	Port 3 Dialplan	Port 4 Dialplan	Host	Country Code	Status
No records found.								
- Edit								

ID	GSM/UMTS	Host	Country Code	Status
No records found.				
- Edit				

ID	FXO	Port 1 Dialplan	Port 2 Dialplan	Port 3 Dialplan	Port 4 Dialplan	Host	Country Code	Status
No records found.								
- Edit								

Next, click on the “+” button to add a new trunk:



The screenshot shows the Wildix PBX interface with the 'Trunks' tab selected. The interface displays four sections for different trunk types: SIP, BRI/PRI, GSM/UMTS, and FXO. Each section has a table with columns for ID, type, and various configuration options. The 'SIP' section has columns for Login, Dialplan, Host, Port, Country Code, Status outgoing, and Status incoming. The 'BRI/PRI' section has columns for Port 1 Dialplan, Port 2 Dialplan, Port 3 Dialplan, Port 4 Dialplan, Host, Country Code, and Status. The 'GSM/UMTS' section has columns for Host, Country Code, and Status. The 'FXO' section has columns for Port 1 Dialplan, Port 2 Dialplan, Port 3 Dialplan, Port 4 Dialplan, Host, Country Code, and Status. All sections show 'No records found.' and have a '+' button to add a new record. A red box highlights the '+' button in the SIP section, and a red arrow points to it.

ID	SIP	Login	Dialplan	Host	Port	Country Code	Status outgoing	Status incoming
No records found.								
+ - Edit								

ID	BRI/PRI	Port 1 Dialplan	Port 2 Dialplan	Port 3 Dialplan	Port 4 Dialplan	Host	Country Code	Status
No records found.								
- Edit								

ID	GSM/UMTS	Host	Country Code	Status
No records found.				
- Edit				

ID	FXO	Port 1 Dialplan	Port 2 Dialplan	Port 3 Dialplan	Port 4 Dialplan	Host	Country Code	Status
No records found.								
- Edit								

Enter the following values in the "Add Trunk" modal (these settings continue on the next page of this guide):

Title: A descriptive title for the trunk

Trunk name: A descriptive name for the trunk (e.g. the Clearfly VG code)

Auth Login: The login username / DN (visible in the Clearfly Portal)

Address or Hostname: Usually sc.cfly.co for registered trunks. Visible in the Clearfly Portal

Time Zone: Usually "United States / North America"

Country Code: "USA"

Enable Registration: Ensure this is checked

Be sure to click the down arrow to expand "Advanced" options:

Audio Codecs:

g729 - Unchecked (you can optionally check this, but Clearfly recommends G.711u for best quality)

alaw - Unchecked

ulaw - Checked with a 20ms packetization interval

Video Codecs: Unchecked

T.38: Unchecked, unless you plan on faxing via your system

The screenshot shows a web-based form titled "Add trunk" with a close button (X) in the top right corner. The form contains the following fields and settings:

- Title:** Text input field containing "Clearfly".
- Trunk name:** Text input field containing "VG1234".
- Auth Login:** Text input field containing "4068675309".
- From user:** Empty text input field.
- From domain:** Empty text input field.
- Address or Host Name:** Text input field containing "sc.cfly.co" with a dropdown arrow, followed by ": 5060".
- Password:** Text input field containing "*****".
- Dialplan:** Dropdown menu showing "main (External dialplan)".
- Tone Zone:** Dropdown menu showing "United States / North Am".
- Country Code:** Dropdown menu showing "USA".
- Keep-Alive:** Checked checkbox.
- Enable registration:** Checked checkbox.
- Advanced:** A section header with a dropdown arrow.
- Audio codecs:** A group of three items:
 - ☐ g729 20ms (dropdown)
 - ☐ alaw 20ms (dropdown)
 - ☒ ulaw 20ms (dropdown)
- Video codecs:** ☐ h263, h263p, h264
- T38:** ☐
- From number:** Empty text input field with a dropdown arrow.
- Buttons:** "Save" and "Cancel" buttons at the bottom right.

Incoming CID: Set this to "from"

Support Refer and Hold: Checked

Rport: Set to "REGISTER,INVITE"

Transport: Set to "TCP"

DTMF Mode: Set to "rfc2833" with a payload type of "101"

Add trunk

Cid Body

Incoming CID

Privacy Header

Diversion Header

History-Info Header

Show original caller number ☒

Support Refer and Hold ☒

Session Timer ☒ min max

Forbid SSRC change ☐

Rport

Registration Expiry (sec)

Custom DNS Server

Outbound proxy :

NAT IP

100rel ☐

Transport

DTMF mode Payload

Registration Proxy ☐

Shortly after clicking save, you should see the trunk status indicator turn green when the trunk registers (you can mouse over the status indicator for a text description):

Dialplan	Host	Port	Country Code	Status outgoing	Status incoming
main	sc.cfly.co	5060	us		

Registered sc.cfly.co