

Callacloud SIP Trunk Configuration with Zycoo IPPBX

Configuring a VoIP Trunk

Step 1: Create an Account with the Callacloud VoIP Provider

To start with, you need to have an account from the Callacloud VoIP provider. Please visit the website to get a SIP account: <http://www.callacloud.com/>

Step 2: Add the VoIP Provider Account in IPPBX

After you get the VoIP provider account, you need to configure the account in IPPBX.

1. Go to **Basic > Trunks > VoIP Trunks** page and click **New VoIP Trunk**.

VoIP Trunks

VoIP Trunks FXO/GSM Trunks

List of Trunks **New VoIP Trunk**

	Provider Name	Type	Hostname/IP	Username	Options
1	test1	SIP	siptrunk3.calnca	6566929035	Edit Delete
2	callacloud	SIP	siptrunk.callacloud	60327123234	Edit Delete

2. Enter the SIP account details into the pop-up window.

Edit SIP trunk sip-60327123234

Description: callacloud

Peer Mode:

Host: siptrunk.callacloud.com :5060

Maximum Channels*: 0

Prefix: _____

Outbound CID: _____

Trunk Outbound CID Preferred:

Without Authentication

Username: 60327123234

Authuser: 60327123234

Password: ●●●●●●●●●●

Advanced Options

From Domain: siptrunk.callacloud Insecure: port,invite

From User: 60327123234 Qualify(sec): 2

DID Number: _____ Transport: UDP

DTMF Mode: RFC2833 NAT: SRTP:

Auto Fax Detection:

Context: Default Language: Default

Audio Codecs

ulaw alaw G.722 G.729 G.726 GSM Speex opus

Video Codes

H.261 H.263 H.263+ H.264 VP8

Save Cancel

- **Trunk Name:** customize your trunk name here.
 - **Hostname/IP:** siptrunk.callacloud.com
 - **User Name:** your Callacloud Account user name
 - **Authorization Name:** the same as the user name
 - **Password:** your Callacloud Account password
 - **Domain:** siptrunk.callacloud.com
3. Click **Save** button and **Activated Changes**. Go to **Operator** to check if the Service Provider trunk is connected successfully.

The screenshot shows the Zycoo Operator interface. The top navigation bar includes 'Home', 'Operator', 'Basic', 'Inbound Control', 'Advanced', 'Network Settings', 'Security', 'Report', and 'System'. The main content area is titled 'Operator' and shows 'Extensions' with a status legend (Idle, Ringing, InUse, Hold, UnAvailable) and a message 'No extension found!'. Below this, it displays 'Total:0', 'Online:0', and 'Current Call(s):0'. The 'VoIP Trunks' table is highlighted with a red box and contains the following data:

Status	Trunk Name	Type	Username	Hostname/IP/Port	Reachability
Registered	callacloud	SIP	60327123	siptrunk.callacloud.com:5060	OK (101 ms)
Registered	test1	SIP	6566929035	siptrunk3.calncall.com:5060	OK (90 ms)

Below the VoIP Trunks table is the 'FXO/FXS/GSM Ports' table:

Status	Signal Strength	Type	Port	BLF Label
Disconnected		FXO	1	Channel1
Disconnected		FXO	2	Channel2
OK		FXS	3	
OK		FXS	4	
Disconnected	NO SIM CARD	GSM	5	Channel5
Disconnected	NO SIM CARD	GSM	6	Channel6

Outbound Route with Callacloud SIP Trunk

To make outbound calls via the new created SIP trunk, you need configure an outbound route for the trunk.

1. Go to **Basic > Outbound Routes**, click **Add DialRules > New Dialrule**

The screenshot shows the 'New DialRule' configuration window. The 'Rule Name' is 'CallaCloud_out'. The 'Call Duration Limit' is set to 5 seconds. The 'Place this call through:' section shows 'Available Trunks' (1(FXO/GSM), port2(FXO/GSM), test1(SIP)) and 'Selected Trunks' (callacloud(SIP)). The 'Custom Pattern' is 'XXXX'. The legend indicates: Z Any digit from 1 to 9, N Any digit from 2 to 9, X Any digit from 0 to 9, . Any number of additional digits. The 'Delete' field is empty. The 'Save' and 'Cancel' buttons are at the bottom.

The rule means it can allow over and equal 5digits number for outgoing ,e.g 10000 or other number 85337096

2. Go to **Basic > Outbound Routes**, click **>DialPlans >Dialplan1>Edit**

Edit X

DialPlan Name: DialPlan1

Include External Calling Rules

- CallaCloud_out

Include Internal Calling Rules

- Ring Groups
- Call Queues
- Paging and Intercom
- IVR
- Conferences
- Extensions
- DISA
- Directory
- Spy

Tick the rule, then you can call out

Inbound Route with Callacloud SIP Trunk

Specify how calls from the Callacloud SIP trunk should be routed. You need to configure an inbound route for the SIP trunk.

General

General | Port DIDs | Number DIDs | DOD Settings

From FXO/GSM Channels

Distinctive Ring Tone: _____

Destination:

From VoIP Channels

Distinctive Ring Tone: _____

Destination:

Then when you make an incoming call and you can hear the default prompt