

# **Callacloud SIP Trunk Configuration with MyPBX**

## Configuring a VoIP Trunk

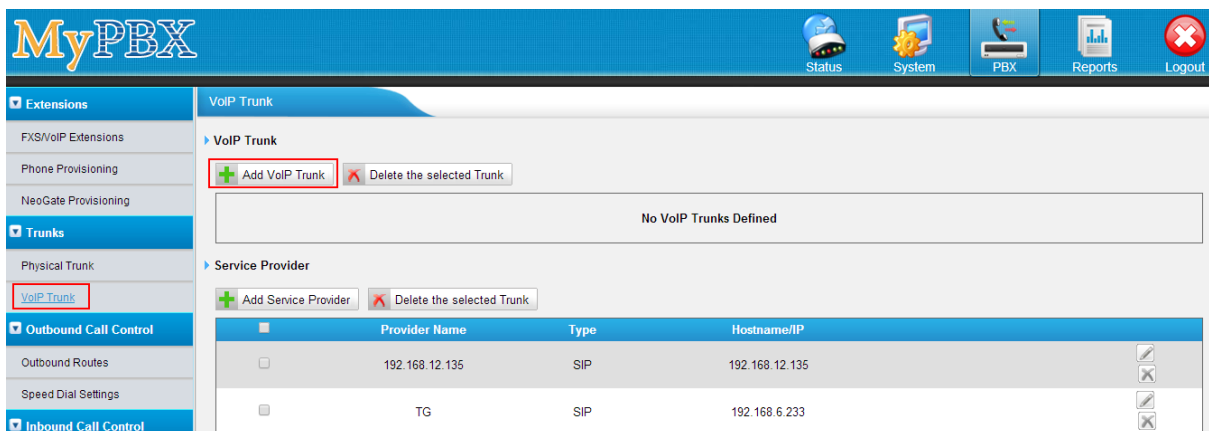
### Step 1: Create an Account with the Callacloud VoIP Provider

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 MyPBX

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

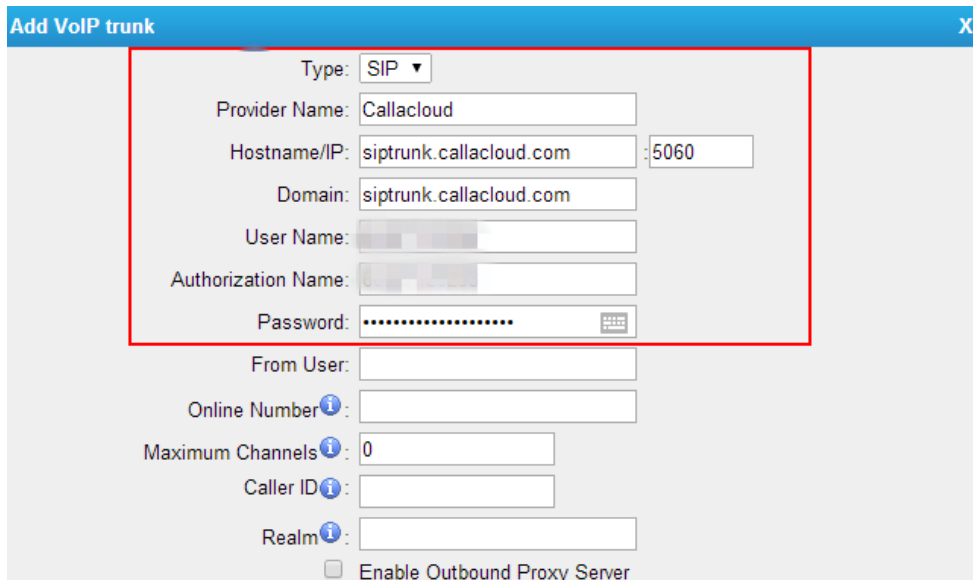
1. Go to **PBX > Trunks > VoIP Trunk** page and click **Add VoIP Trunk**.



The screenshot shows the MyPBX interface with the 'VoIP Trunk' section active. A red box highlights the '+ Add VoIP Trunk' button. Below this, a table lists existing service providers:

Provider Name	Type	Hostname/IP
192.168.12.135	SIP	192.168.12.135
TG	SIP	192.168.6.233

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



The 'Add VoIP trunk' pop-up window contains the following fields and values:

- Type: SIP
- Provider Name: Callacloud
- Hostname/IP: siptrunk.callacloud.com
- Domain: siptrunk.callacloud.com
- User Name: [redacted]
- Authorization Name: [redacted]
- Password: [redacted]
- From User: [redacted]
- Online Number: [redacted]
- Maximum Channels: 0
- Caller ID: [redacted]
- Realm: [redacted]
- Enable Outbound Proxy Server:

- **Trunk Name:** customize your trunk name here.
- **Hostname/IP:** siptrunk.callacloud.com
- **Domain:** siptrunk.callacloud.com
- **User Name:** your Callacloud Account user name
- **Authorization Name:** the same as the user name
- **Password:** your Callacloud Account password

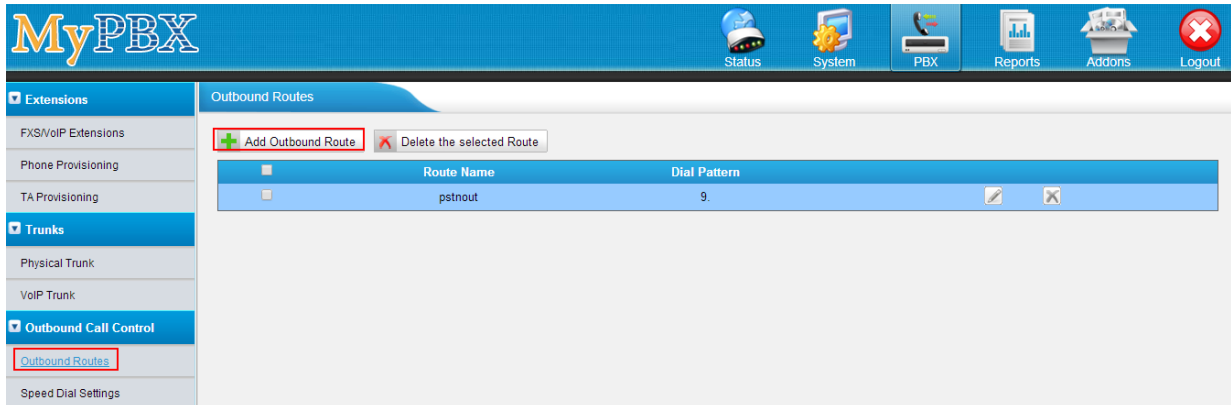
- Click **Save** button and **Apply Changes**. Go to **Status > Line Status > Trunk Status** to check if the Service Provider trunk is connected successfully.

Status	Trunk Name	Type	User Name	Port/Hostname/IP	Reachability
Registered	Callacloud	SIP		siptrunk.callacloud.com	OK

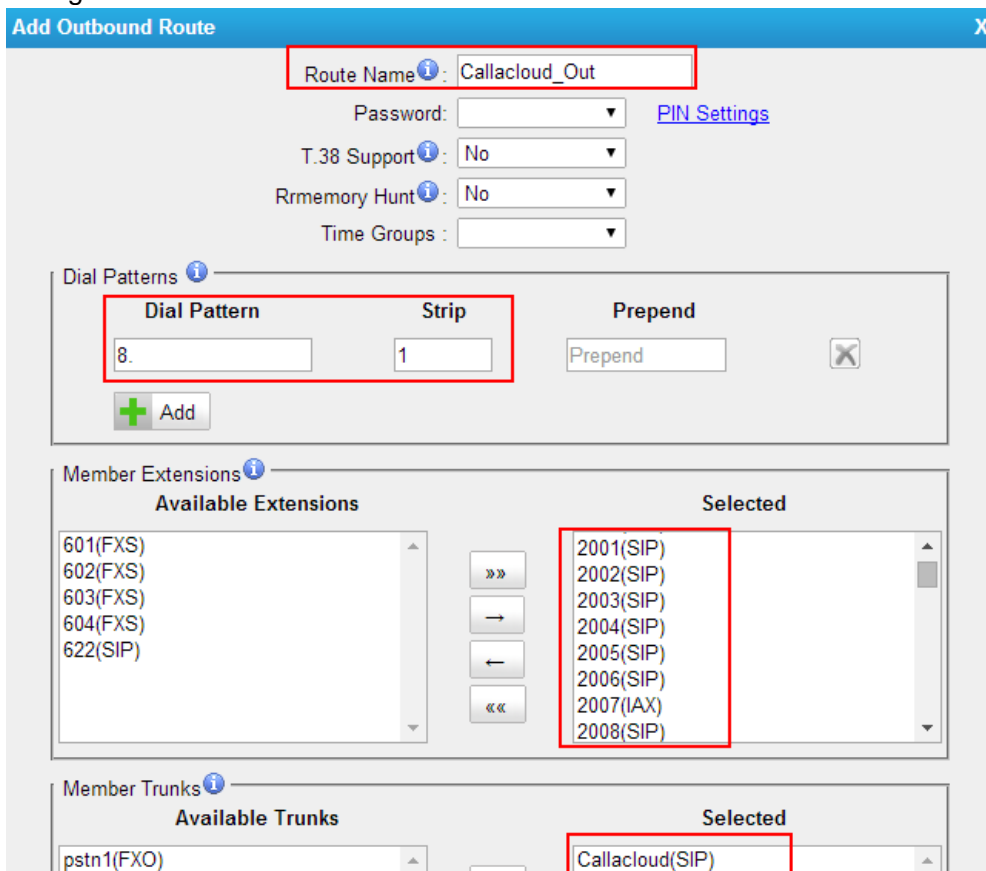
## Outbound Route with Callacloud SIP Trunk

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

- Go to **PBX > Outbound Call Control > Outbound Routes**, click **Add Outbound Route**.



- Configure the outbound route.



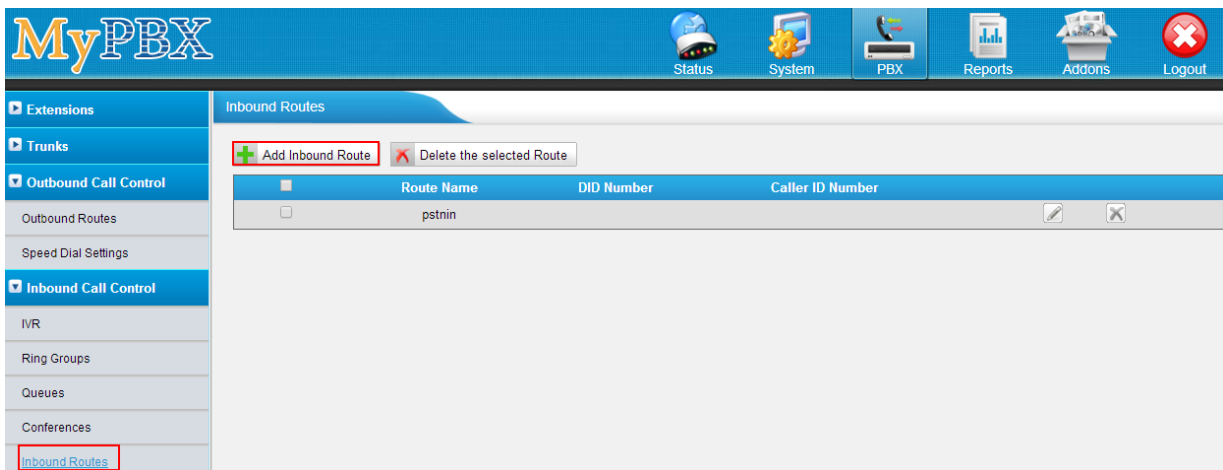
- Route Name:** give the outbound route a name.

- **Dial Patterns:** set the dial patterns. As the settings below, to make calls via the Callacloud SIP trunk, you need to precede the number to be dialed with the prefix 8.
    - Dial Pattern: **8**.
    - Strip: **1**
  - **Member Extensions:** select the extensions that are allowed to make calls through the outbound route.
  - **Member Trunks:** select the Callacloud SIP trunk.
3. Click **Save** and **Apply Changes**. Now you can make outbound calls through the Callacloud SIP trunk. As the dial patterns configured above, you need dial digit 8 before the destination number. For example, to call the number 17373621819, you need to dial 817373621819 on your phone.

## 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.

1. Go to **PBX > Inbound Call Control > Inbound Routes**, click **Add Inbound Route**.



2. Configure the inbound route.

**Add Inbound Route** [X]

**General**

Route Name ⓘ : Callacloud\_In

DID Number ⓘ :

Extension ⓘ :

Caller ID Number ⓘ :

Distinctive Ringtone ⓘ :

Enable Callback : No ▾ [Callback Settings](#)

**Member Trunks** ⓘ

Available Trunks	Selected
pstn1(FXO) pstn2(FXO) pstn3(FXO) pstn4(FXO) 192.168.6.213(SPS) sps_226(SPS)	Callacloud(SIP)

**Time Conditions**

Time Groups : default ▾

Day Destination : IVR ▾ IVR -- welcome ▾

Night Destination : Extension ▾ Extension -- 601 ▾

- **Route Name:** give the inbound route a name.
  - **Member Trunks:** choose the Callacloud SIP trunk.
  - **Day Destination:** select the destination when the time matches the times defined in the Time Group, generally your office time.
  - **Night Destination:** select the destination when the time does not match the times defined in the Time Group, generally your non-office time.
3. Click **Save** and **Apply Changes**. When you call in the SIP trunk, the call will be routed to the destination configured on the inbound route.