

# **Ironton Global SIP Trunk**

## **Configuration with Yeastar S-Series VoIP PBX**

## Configuring a VoIP Trunk

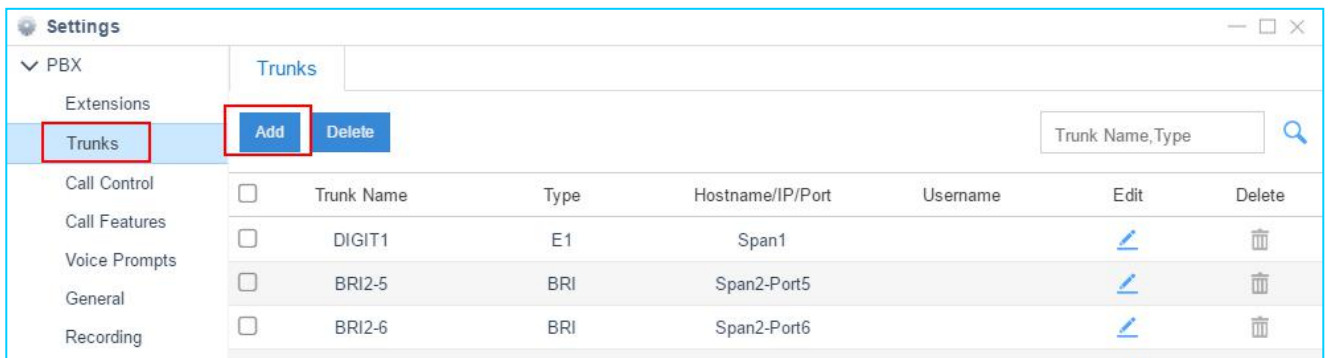
### Step 1: Create an Account with the Ironton Global VoIP Provider

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

### Step 2: Add the VoIP Provider Account in S-Series PBX

After you get the VoIP provider account, you need to configure the account in Yeastar S-Series.

1. Go to **Settings > PBX > Trunks**, click **Add**.



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

**Add VoIP Trunk**

Basic | Codec | Advanced | DOD | Adapt Caller ID

Trunk Status: Enabled

Protocol: SIP

Trunk Type: Register Trunk

Provider Name: Ironton

Transport: UDP

Hostname/IP: 204.186.16.94 : 5060

Domain: staging.itcgn.com

Username: [Redacted]

Password: [Redacted]

Authentication Name: [Redacted]

From User: [Redacted]

Caller ID Number: [Redacted]

Caller ID Name: [Redacted]

Enable Outbound Proxy

Outbound Proxy Server: [Redacted] 5060

Save Cancel

- **Protocol:** SIP
- **Trunk Type:** Register Trunk
- **Provider Name:** give a name for the VoIP trunk.
- **Transport:** UDP
- **Hostname/IP:** 204.186.16.94
- **Domain:** staging.itcgn.com
- **Username:** your Ironton Global Account user name
- **Authorization Name:** the same as the user name
- **Password:** your Ironton Global Account password
- **Enable Outbound Proxy:** Tick the checkbox

3. Click **Save** button and **Apply**. Go to **PBX Monitor** App to check if the Service Provider trunk is connected successfully.

Trunk Status	Trunk Name	Type	Hostname/IP/Port
	<a href="#">Ironton</a>	SIP-Register	204.186.16.94

## Outbound Route with Ironton Global SIP Trunk

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

1. Go to **Settings > PBX > Call Control > Outbound Routes**, click **Add**.

Name	Dial Pattern	Edit	Delete	Priority
skypeout	X.			1

2. Configure the outbound route.

### Note:

- The system compares the number with the pattern that you have defined in your route 1. If matches, it will initiate the call using the selected trunks. If it does not, it will compare the number with the pattern you have defined in route 2 and so on. The outbound route which is in a higher position will be matched firstly.
- Adjust the outbound route sequence by clicking these buttons .

**Add Outbound Routes**

Name: Ironton\_OUT

Dial Patterns:

Patterns	Strip	Prepend	Edit	Delete
8.	1			

Member Trunks:

Available	Selected
Voyced1 (SIP-Register)	Ironton (SIP-Register)
to56 (SIP-Peer)	
Flow2 (SIP-Register)	
1-VoIP2 (SIP-Peer)	
ozhsbc (SIP-Peer)	
xyysbotest (SIP-Register)	
Cfly (SIP-Register)	

Member Extensions:

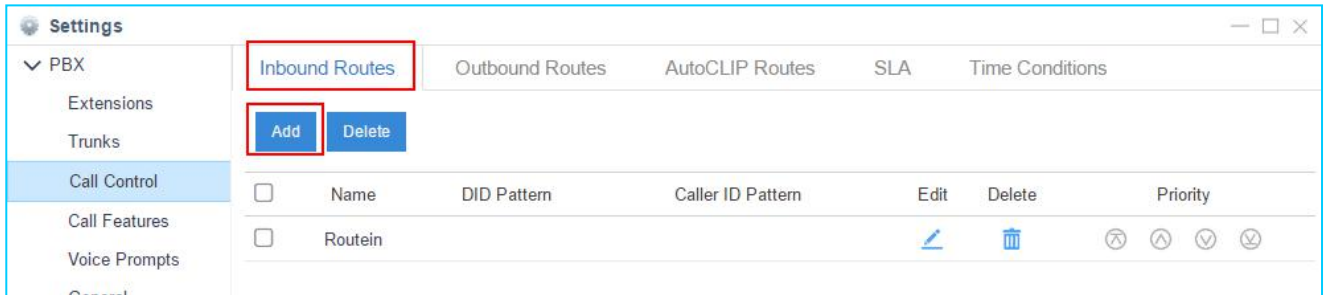
Available	Selected
1000 - Voyced1	1001 - Transfer
1005 - kelly	1002 - 1-VoIP2
1006 - Ironton2	1003 - dsq
1007 - czh	1004 - Transfer
1008 - kelly2	

- **Route Name:** give a name for the outbound route.
  - **Dial Patterns:** set the dial patterns. As the settings below, to make calls via the Ironton Global SIP trunk, you need 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 Ironton Global SIP trunk.
3. Click **Save** and **Apply Changes**. Now you can make outbound calls through the Ironton Global 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 dial 817373621819 on your phone.

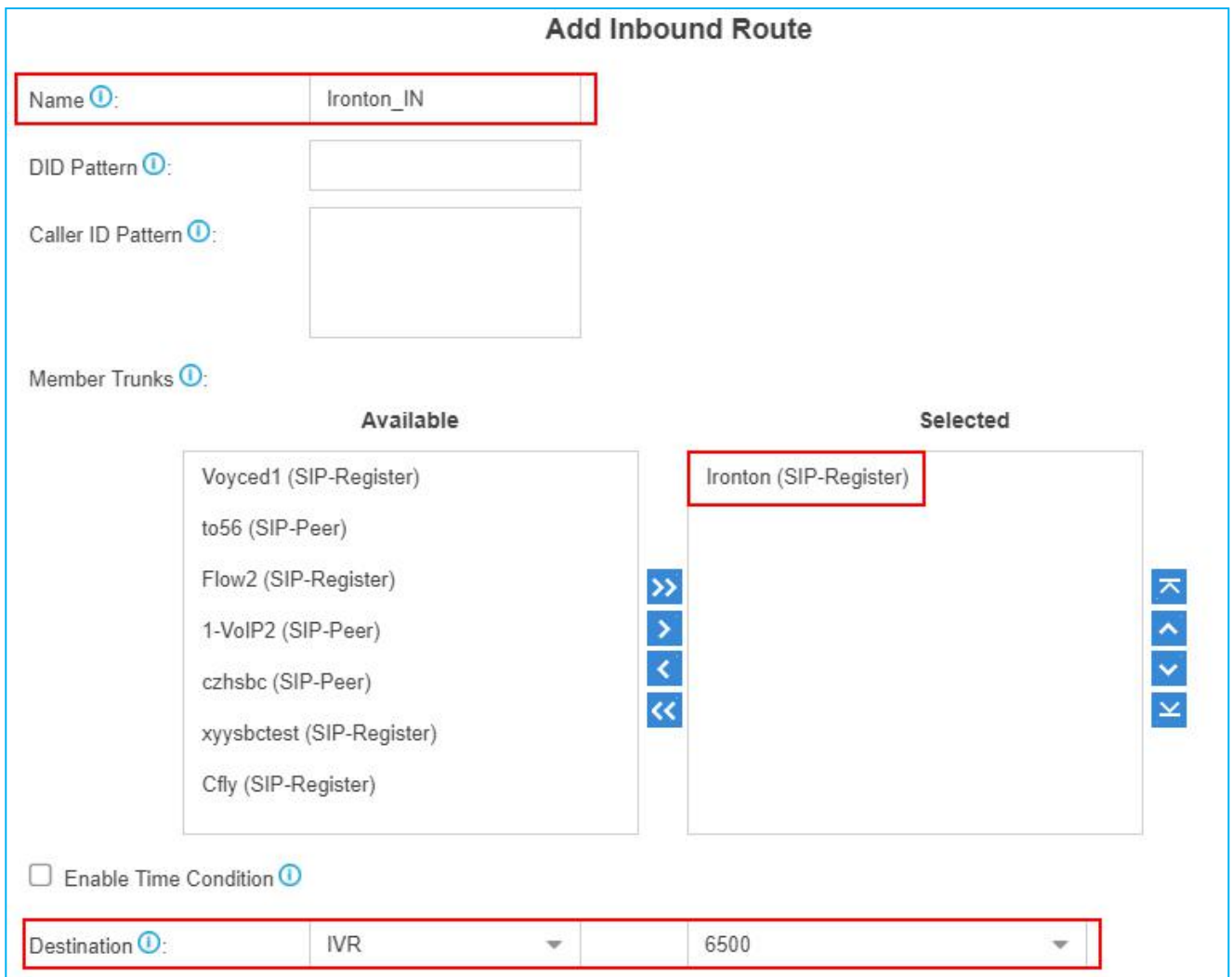
## Inbound Route with Ironton Global SIP Trunk

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

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



2. Configure the inbound route.



- **Name:** specify the inbound route.
- **Member Trunks:** choose the Ironton Global SIP trunk.
- **Destination:** select the destination where the incoming calls will be routed.

3. Click **Save** and **Apply**. When you call in the SIP trunk, the call will be routed to the destination configured on the inbound route.