

How to Connect MyPBX to Skype

Version: 2.0

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Date: 2014.11.20

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About This Guide

Skype Connect™ provides connectivity between your business and the Skype community.

MyPBX helps you to connect to Skype via Skype Connect. By adding Skype Connect to MyPBX, your business could save on your communication costs with little or no additional upgrades required. Once the Skype SIP trunk is registered on MyPBX, you are able to make and receive calls on MyPBX through the Skype SIP trunk.

This guide has been tested with MyPBX U100 and describes how to connect MyPBX to Skype with Skype Connect.

Before you get started you will need

A Skype Connect SIP profile+ An internet connection with a public IP address+ MyPBX.

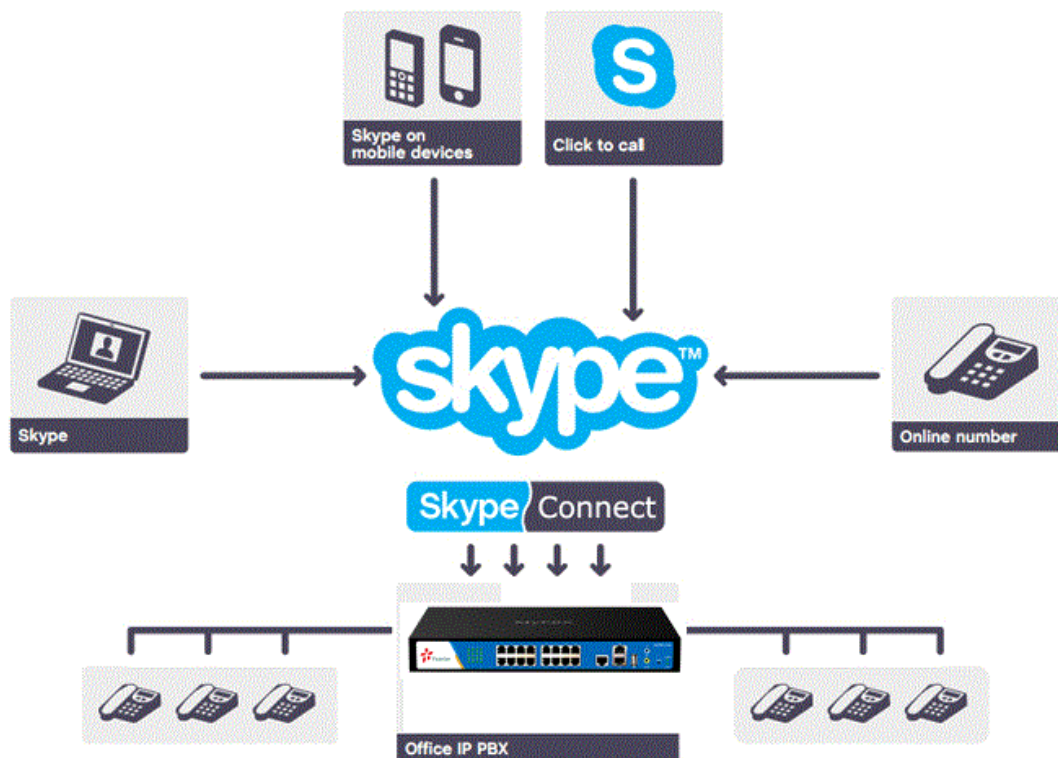


Figure 1 Connect MyPBX to Skype

1. Register Skype SIP Trunk on MyPBX

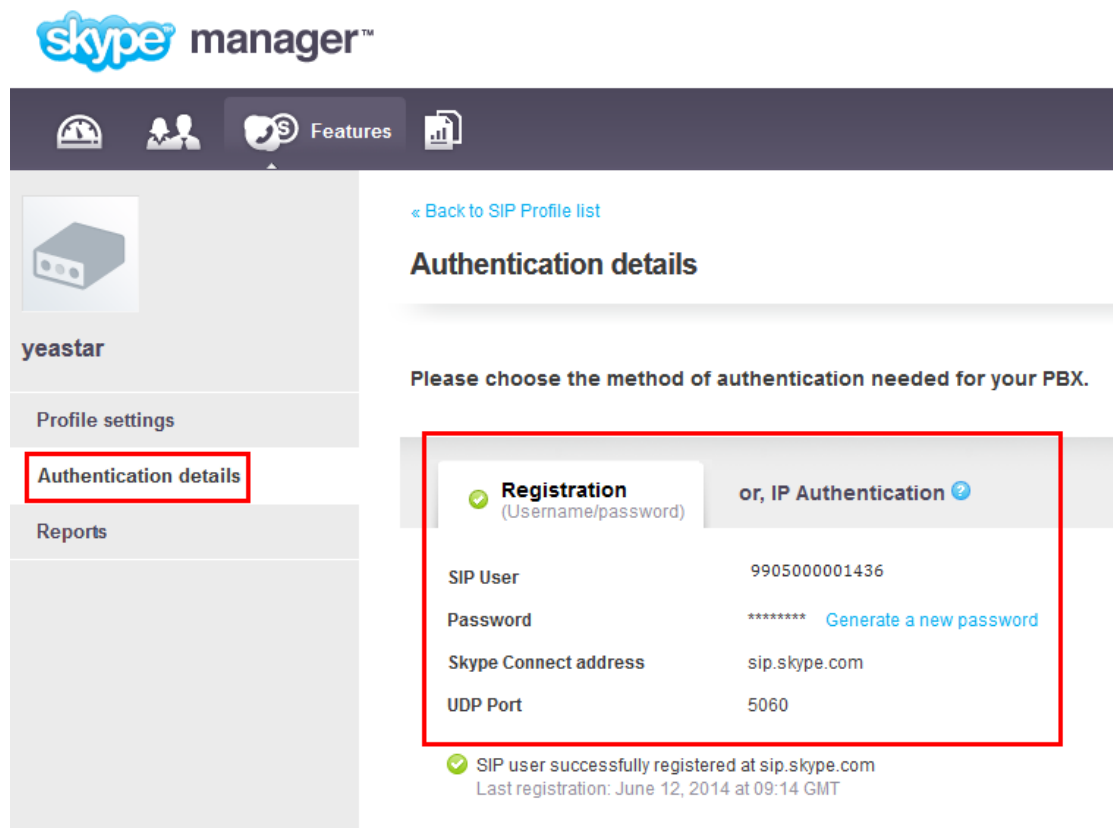
Before configurations on MyPBX, you need to set up a Skype Manager and buy a SIP profile from Skype. Please refer to [Skype Connect Quick Start Guide](#) to set up the SIP profile on Skype.

After setting up the SIP profile, take the SIP account to register on MyPBX.

Step 1. Create a VoIP Trunk.

Path: PBX→Trunks→VoIP trunk

Fill in the Skype for SIP's SIP profile details message in the pop-up windows.



The screenshot shows the Skype Manager interface. The left sidebar contains a 'yeastar' logo and a menu with 'Profile settings', 'Authentication details' (highlighted with a red box), and 'Reports'. The main content area is titled 'Authentication details' and includes a 'Back to SIP Profile list' link. Below this, a message asks to choose the authentication method. Two options are shown: 'Registration (Username/password)' and 'or, IP Authentication'. The 'Registration' option is selected, and its details are listed in a table:

Field	Value
SIP User	9905000001436
Password	***** Generate a new password
Skype Connect address	sip.skype.com
UDP Port	5060

Below the table, a green checkmark icon indicates 'SIP user successfully registered at sip.skype.com' with a timestamp: 'Last registration: June 12, 2014 at 09:14 GMT'.

Figure 2 SIP Profile on Skype Manager Page

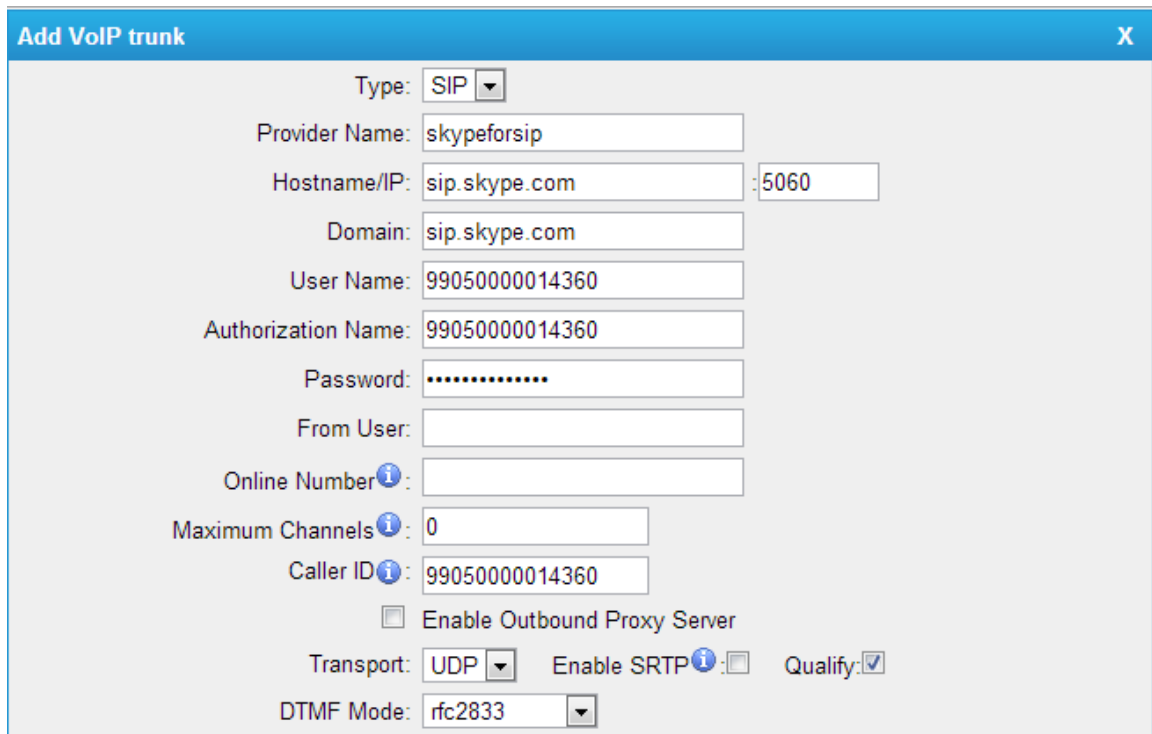


Figure 3 Add VoIP Trunk

Provider Name: give a name for this VoIP trunk

Hostname/IP: sip.skype.com

Domain: sip.skype.com

User Name: Same as SIP User on Skype SIP profile.

Password: Same as Password on Skype SIP profile.

Save and apply the changes, and you will see the trunk status is "Registered" on "Trunk Status" page.

Step 2. Create an Outbound Route.

Path: PBX → Outbound Call Control → Outbound Routes

Route Name: SkypeOut

Dial Pattern: 0.

Strip: 0

Calls From Extensions: Select all.

Make Outbound Calls on Trunk: skypeforsip

As we can see from the Outbound Route of '**SkypeOut**', all phone numbers starting with 0 will be go through this outbound route.

Add Outbound Route
X

Route Name i:

Dial Pattern i:

Strip i: digits from front

Prepend these digits i: before dialing

Password:

T.38 Support i:

Rmemory Hunt i:

Member Extensions i

Available Extensions		Selected
	<input type="button" value="»»"/> <input type="button" value="→"/> <input type="button" value="←"/> <input type="button" value="««"/>	300(SIP) 301(SIP) 302(SIP) 303(SIP) 304(SIP) 305(SIP) 306(SIP) 307(SIP)

Member Trunks i

Available Trunks		Selected
pstn5(FXO) pstn6(FXO) pstn7(FXO) pstn8(FXO) pstn9(FXO) pstn10(FXO) 192.168.4.141(SPS)	<input type="button" value="»»"/> <input type="button" value="→"/> <input type="button" value="←"/> <input type="button" value="««"/>	skypeforsip(SIP)

Figure 4 Outbound Route

Step 3. Make a test outgoing call

Call 001760-660-4690 to test audio quality and connectivity. It's Skype's echo test online number.

Note: If you want to receive inbound calls with Skype Connect, [go to Chapter 2](#). If not, you have now successfully set up your Skype Connect to make outbound calls.

2. Configure MyPBX with Inbound Calling

2.1 Receive Incoming Calls from Skype Users

Step 1. Set up a Business Account to test inbound Calls from Skype.

- 1) Create a new business account in Skype Manager. For more information on creating a new business account, please see the [Skype Manager User Guide](#).
- 2) Click **View profile** next to the name of the SIP Profile to which you want to add the business account.

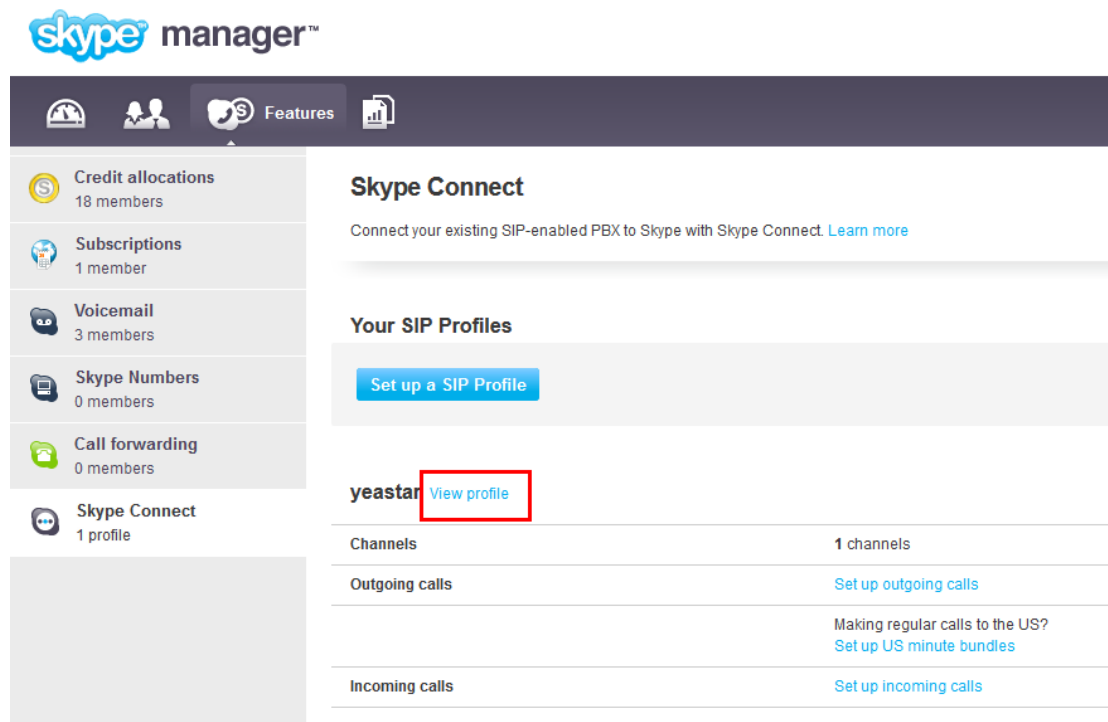


Figure 5 View Skype SIP Profile

- 3) Click **Set up incoming calls**.
- 4) In the **Add business Account** tab, enter the newly created business account's name and fill in the extension number which number will use to receive the call.

E.g.:

Add an existing business account: yeastar.mypbx

Extension number: 500

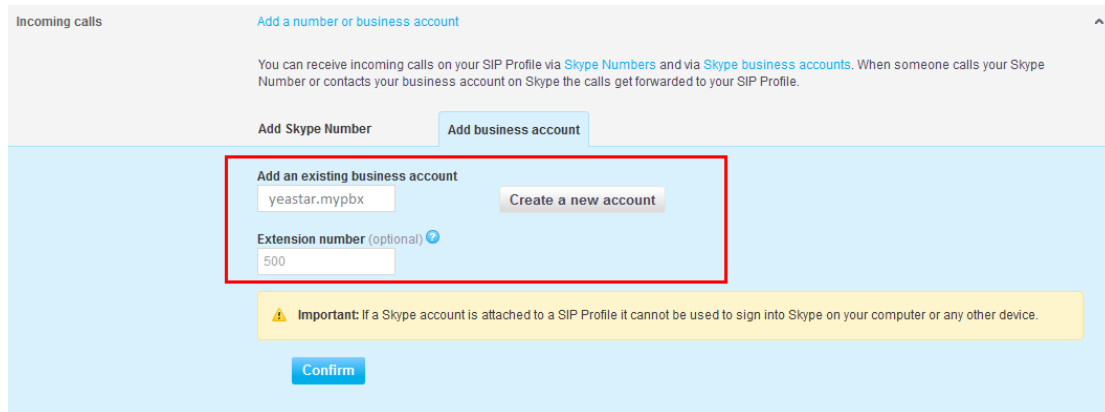


Figure 6 Add Business Account

5) Click **Confirm**.

Step 2. Set up the online number on MyPBX.

Path: PBX→Trunks→VoIP trunk → Edit trunk 'skypeforsip'

Online number: Fill in the extension number which one you configure in Skype Manger.

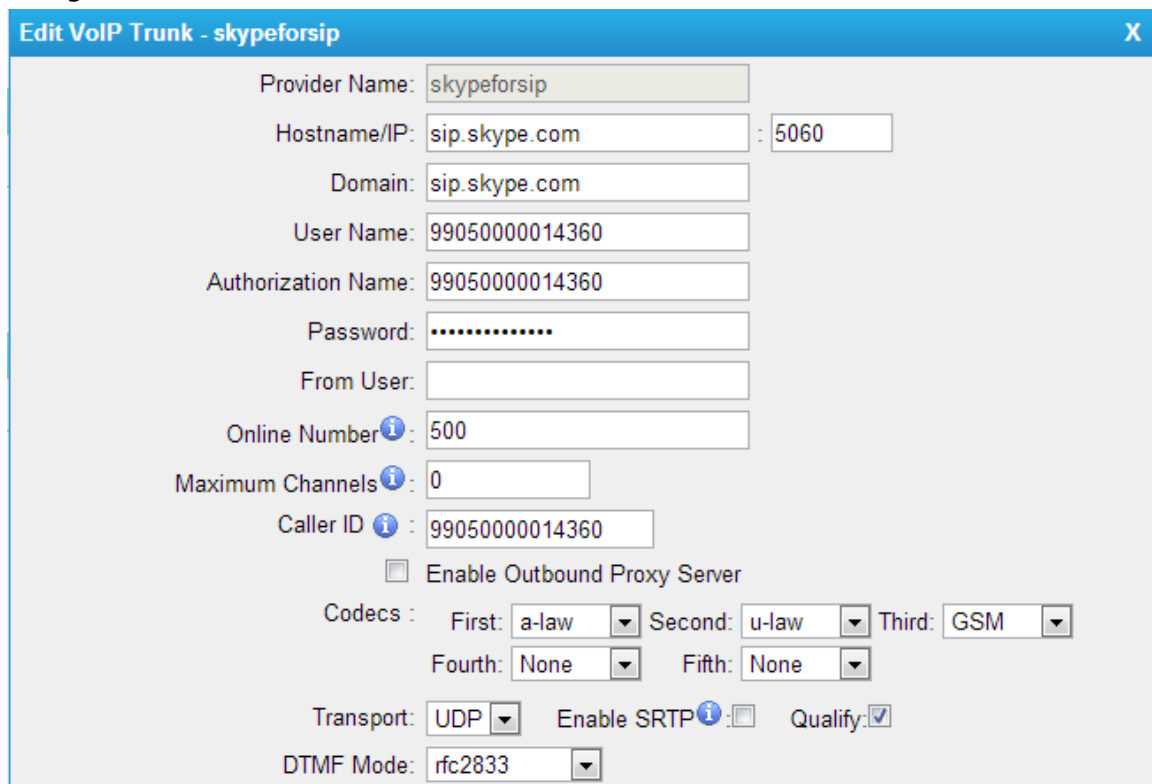


Figure 7 Configure Online Number

Step 3. Create Inbound Route for Skype incoming calls.

Path: PBX→Inbound Call Control→Inbound Routes

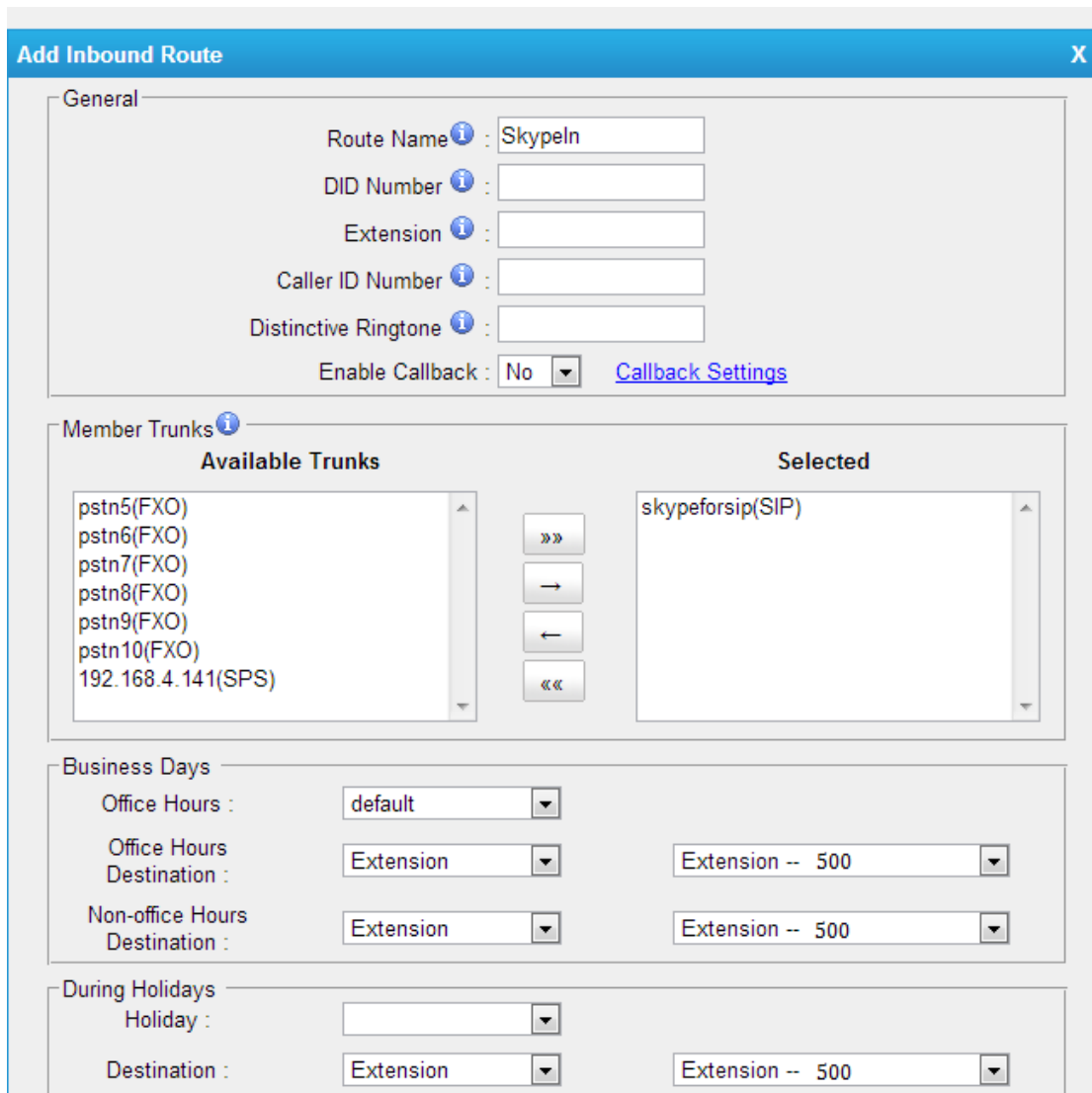


Figure 8 Inbound Route for Business Account

Route Name: SkypeIn

Trunk Sequence: skypeforsip

Office Hours Destination: Extension-500

Non-Office Hours Destination: Extension-500

As we can see from the Inbound Route of **'SkypeIn'**, all incoming calls will be sent to the Extension 500.

Step 4. Test the Call.

All calls from other Skype users to this account (yeastar.mypbx) will be routed to the extension 500.

2.2 Receive Incoming Calls from Landline or Mobile Phone

Step 1. Assign an Online Number to receive calls from landlines and mobile phones.

1) Click **View profile** next to the name of the SIP Profile to which you want to assign an Online Number.

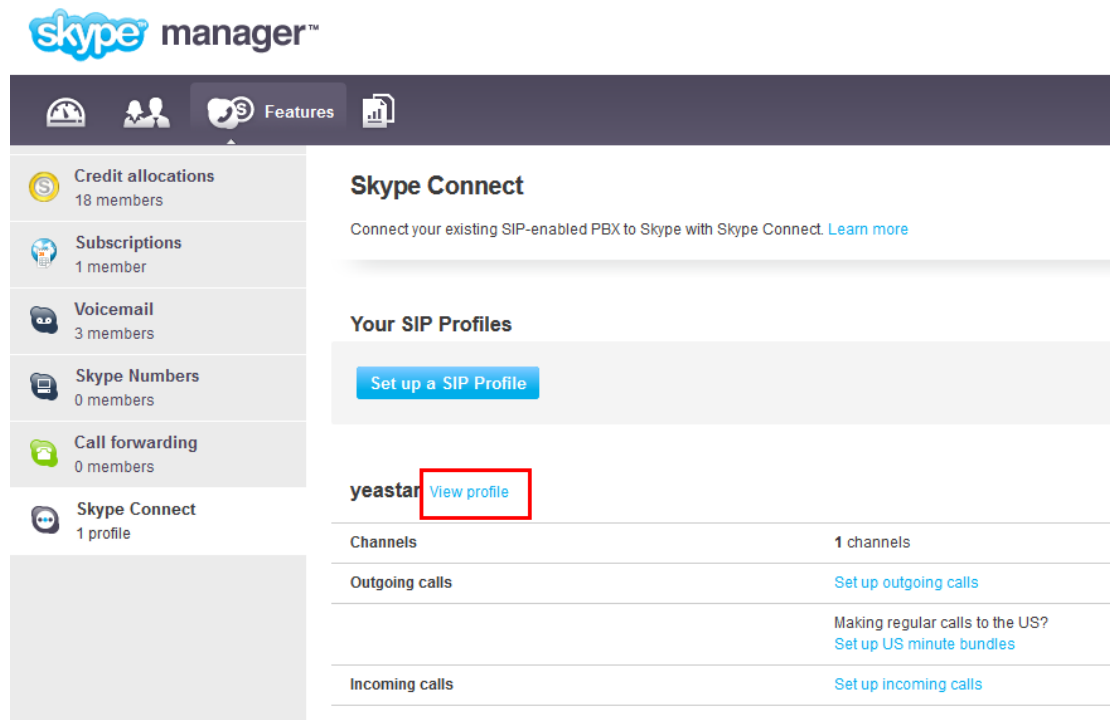


Figure 9 View Skype SIP Profile

2) Click **Set up incoming calls**.

3) Click **Buy a new number**.



Figure 10 Add Skype Number

4) Complete the on-screen instructions to buy the Online Number. For more information on buying a new Online Number, please refer to the **Skype Manager User Guide**.

Note: When you confirm your purchase, the Online Number is automatically associated with the SIP Profile.

Step 2. Set up the Online Number on MyPBX.

Path: PBX → VoIP Trunk → Edit trunk 'skypeforsip'

Online number: Fill in the Skype online number which one buy from Skype.
E.g.: online number is 05925503309.

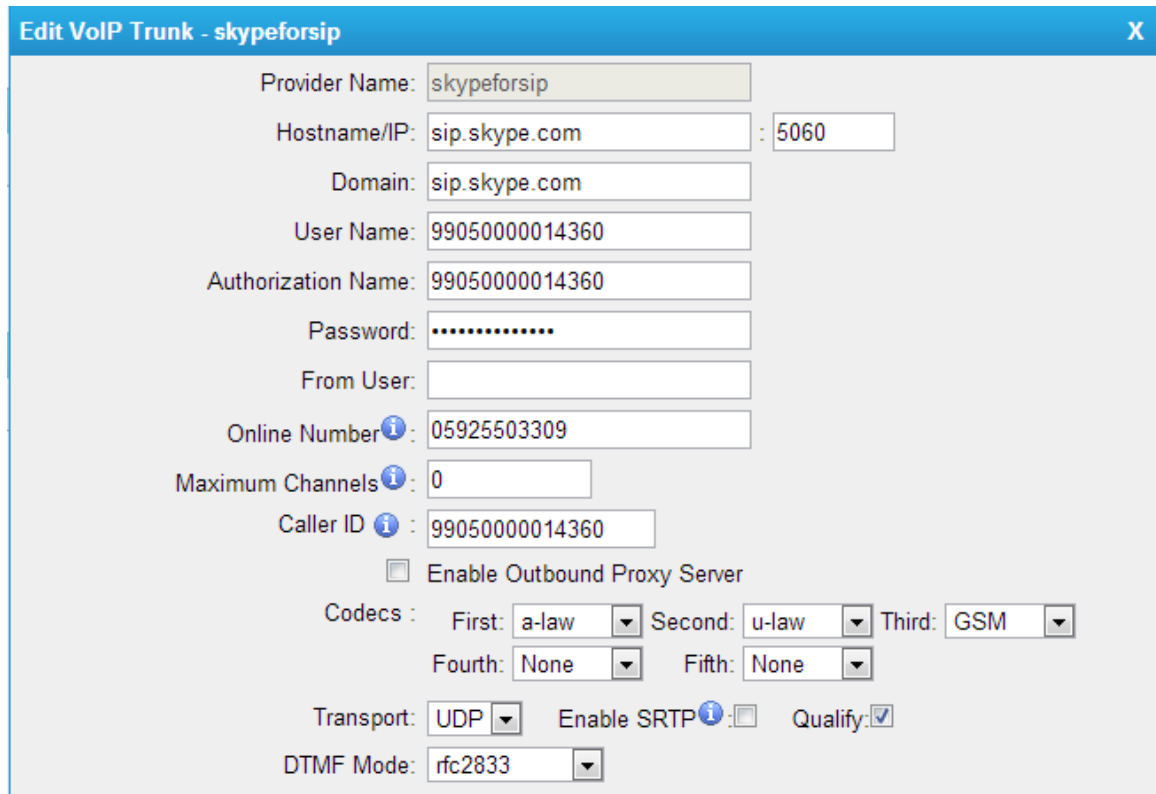
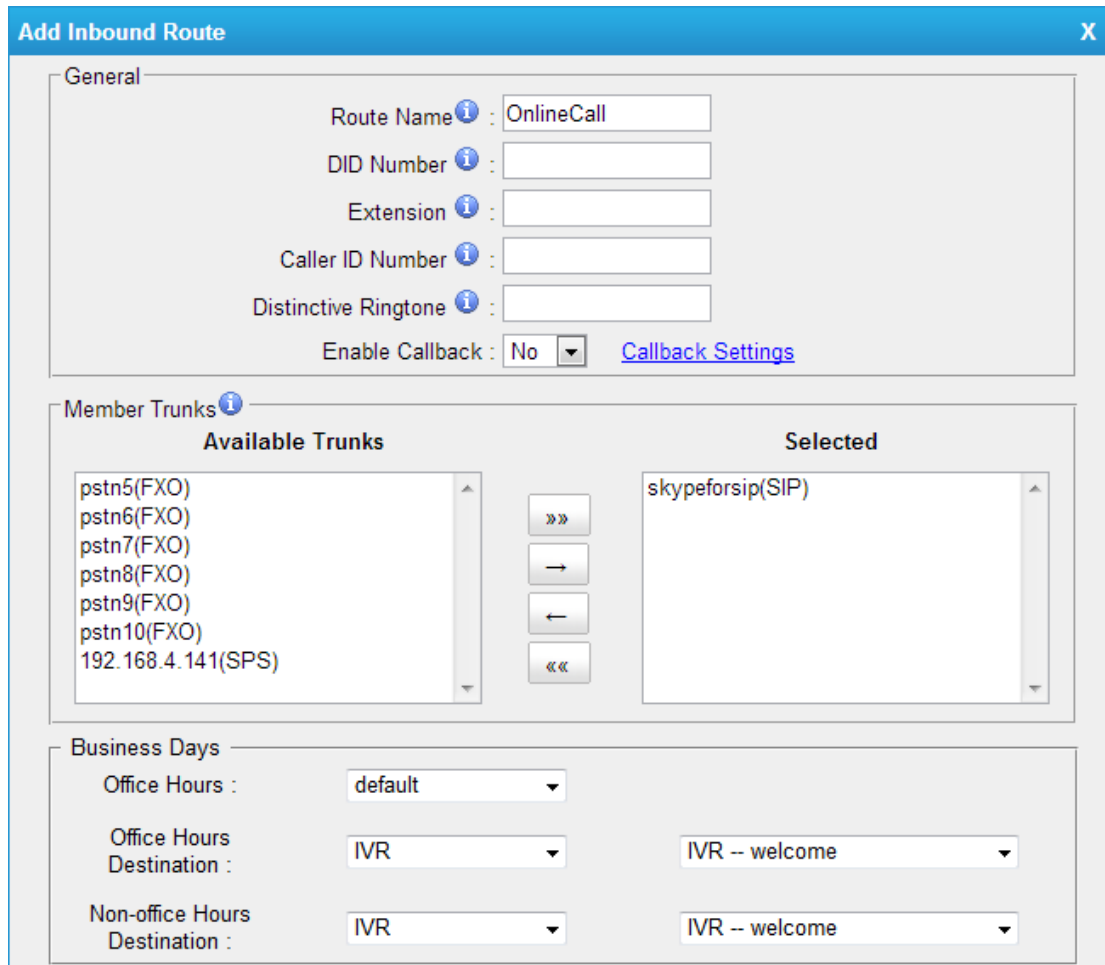


Figure 11 Configure Online Number

Step 3. Create Inbound Route for Skype online number incoming call

Path: PBX→Inbound Call Control→Inbound Routes



Add Inbound Route

General

Route Name ⁱ : OnlineCall

DID Number ⁱ :

Extension ⁱ :

Caller ID Number ⁱ :

Distinctive Ringtone ⁱ :

Enable Callback : No [Callback Settings](#)

Member Trunks ⁱ

Available Trunks

- pstn5(FXO)
- pstn6(FXO)
- pstn7(FXO)
- pstn8(FXO)
- pstn9(FXO)
- pstn10(FXO)
- 192.168.4.141(SPS)

Selected

- skypeforsip(SIP)

Business Days

Office Hours : default

Office Hours Destination : IVR IVR -- welcome

Non-office Hours Destination : IVR IVR -- welcome

Figure 12 Inbound Route for Online Number

Route Name: OnlineCall

Trunk Sequence: skypeforsip

Office Hours Destination: IVR

Non-Office Hours Destination: IVR

As we can see from the Inbound Route of '**OnlineCall**', all incoming calls will go to MyPBX IVR.

Step 4. Test the call.

When someone calls the online number associated with the SIP profile from a landline or mobile phone, the call will be routed to MyPBX IVR.

<End>