

How to extend Skype to MyPBX

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Before you get started you will need

A Skype Account + An internet connection with a public IP address+ MyPBX.

1. Activate Skype for SIP on Skype

1.1 Register for Skype Manager

1. Visit <http://skype.com/business>, Click 'Skype Manager', use the Skype Name to login.

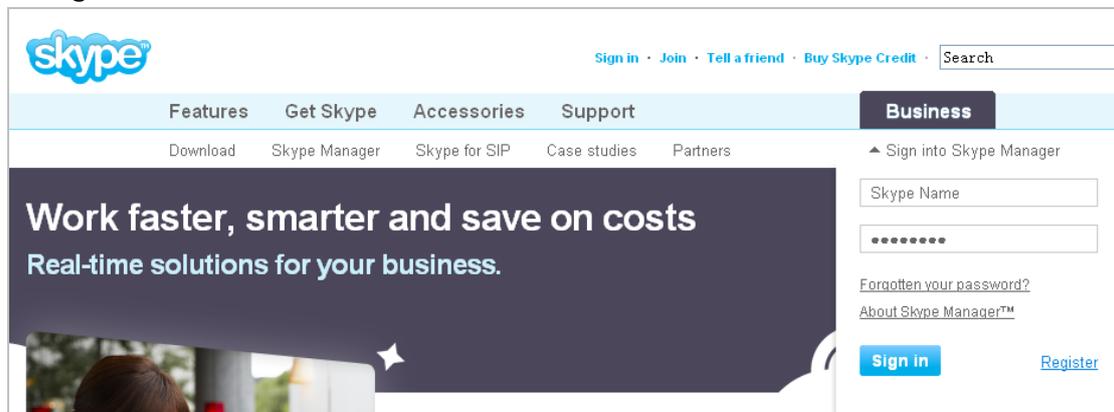


Figure 1

2. Complete the on-screen instructions to register for Skype Manager. You can either use your existing personal account or create a new one specifically for your Skype Manager.

Note: Please bear in mind that the account you use the register will be used to administer products and credit throughout your business. We therefore recommend that you create a new Skype account using your business name.

1.2 Create a SIP Profile and buy a Channel Subscription

Note: You need to be signed into Skype Manager to access the Skype for SIP settings.

Step1 Click the **Features** in the toolbar.

Step2 In the **Features** menu on the left, check **Skype for SIP**.

Step3 Give your SIP Profile a friendly name so it's easier to remember and click on **Next**. Your Profile's registration details, including its username and password are displayed. Make a note of these details so that you can set up and configure it in [MyPBX](#).

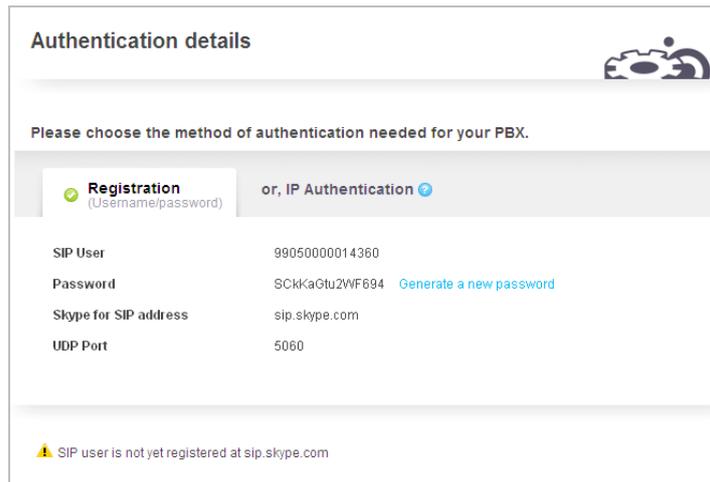


Figure 2

Step4 Click **Profile settings**.

Step5 Click **Buy a channel subscription to activate this profile**.

Step6 Enter the number of channels you require and click **Buy now**.

Note1: Channel subscriptions are the amount of concurrent calls you would like to use with your SIP Profile. These channels are charged on a monthly basis.

Note2: If you do not want to make outbound calls with Skype for SIP Beta please proceed to **Chapter 2.3**.

1.3 Allocate Skype Credit to the SIP Profile

Step1 Click **View profile** next to the name of the SIP Profile to which you want to allocate credit.

Step2 Click **Set up outgoing calls**.

Step3 Enter the amount of Skype Credit you want to allocate to the SIP Profile and click **Add credit**.

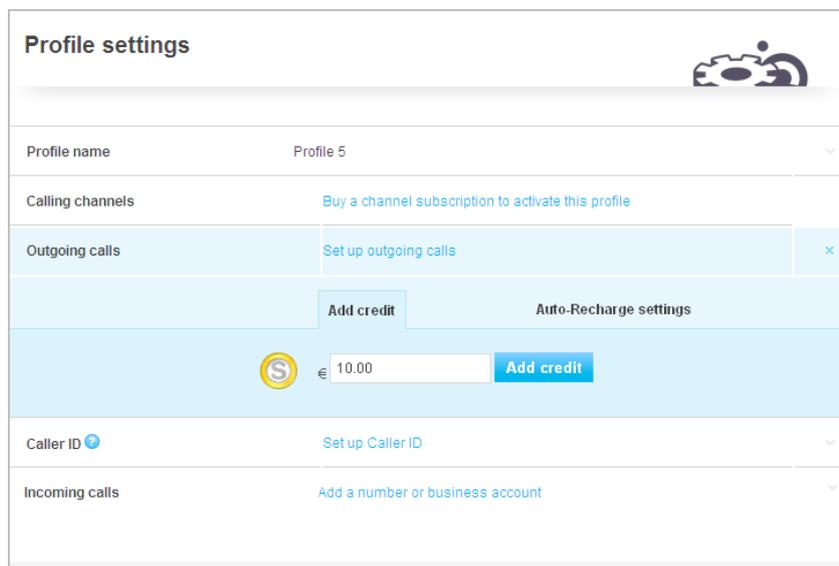


Figure 3

Step4 If you want to enable auto-recharging, click on the **Auto-Recharge settings** tab, enter the recharge amount and the minimum balance required before recharging, then click **Save changes**.

2. Configure MyPBX with Skype Calls

2.1 Configure MyPBX with Outbound Calls

2.2.1 Create VoIP Trunk

MyPBX → Basic → Trunks → VOIP Trunk → New VOIP Trunk.

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

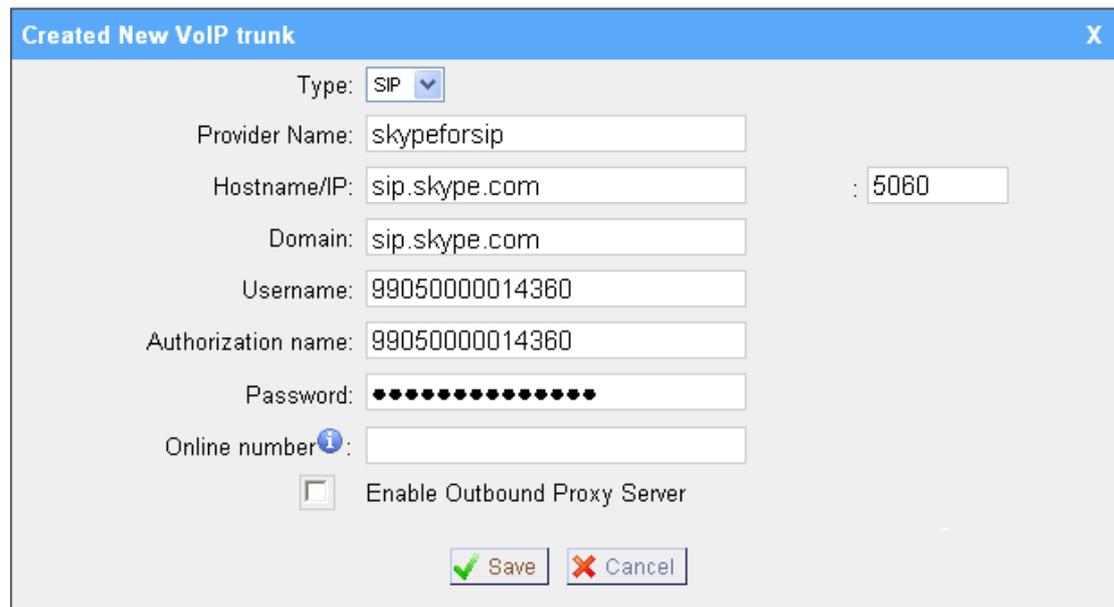
Example: The Skype for SIP's SIP Profile is:

SIP User: 99050000014360

Password: SCKKaGtu2WF694

Skype for SIP Address: sip.skype.com

UDP Port: 5060



The screenshot shows a dialog box titled "Created New VoIP trunk" with a close button (X) in the top right corner. The dialog contains the following fields and options:

- Type: SIP (dropdown menu)
- Provider Name: skypeforsip
- Hostname/IP: sip.skype.com
- Domain: sip.skype.com
- Username: 99050000014360
- Authorization name: 99050000014360
- Password: [masked with 12 dots]
- Online number: [empty field]
- Enable Outbound Proxy Server
- Buttons: Save (with green checkmark icon) and Cancel (with red X icon)

Figure 4

2.2.2 Create Outbound Route

MyPBX → Basic → Outbound Routes.

Click 'New Outbound Route' and fill in the corresponding information in the popup window.

- **Route Name:** SkypeOutgoingCall
- **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 '**SkypeOutgoingCall**', all phone numbers starting with 0 will be sent to the trunk '**SkypeForSIP**'.

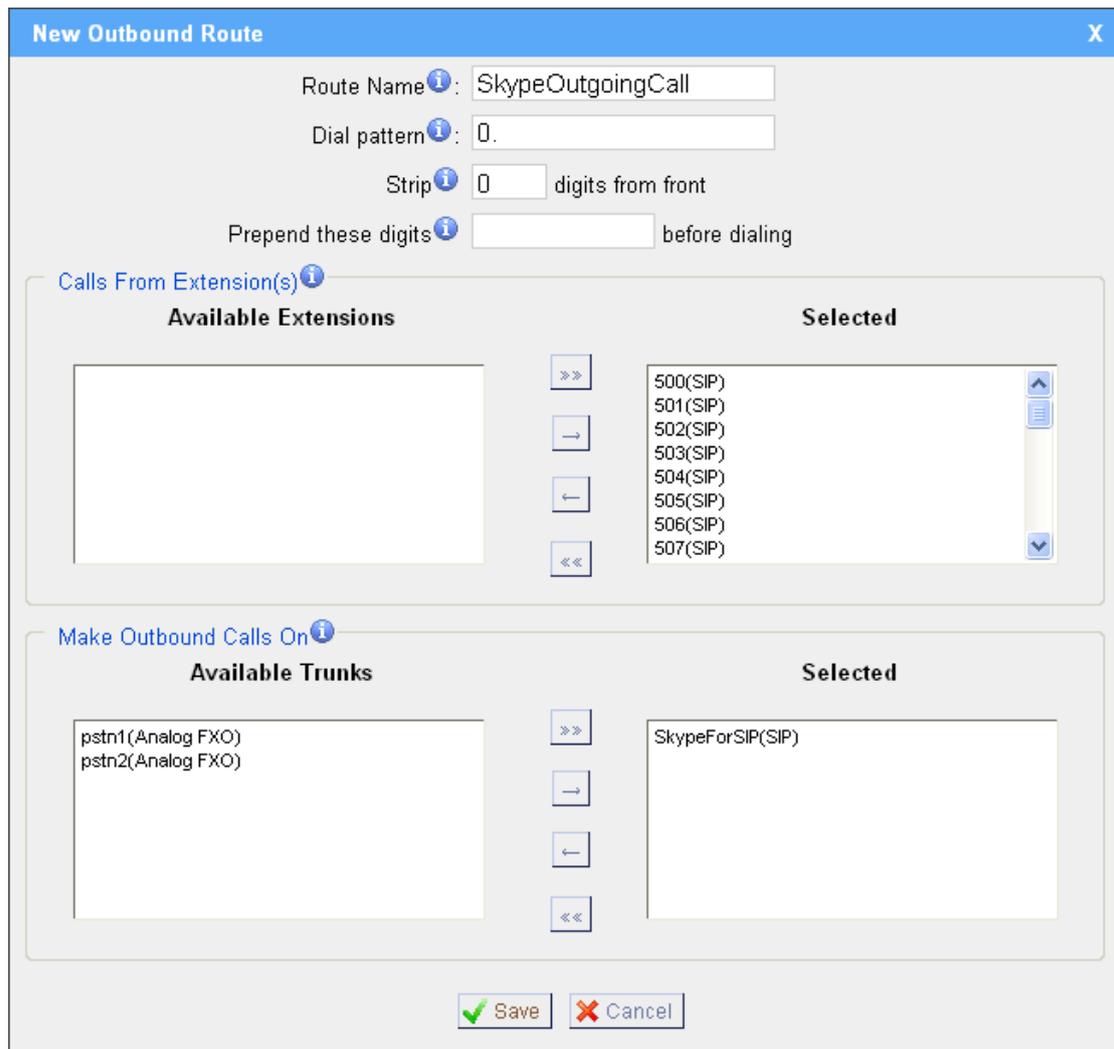


Figure 5

2.2.3 Make a test Outbound 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 for SIP Beta proceed to **Chapter 2.3**, if not, you have now successfully set up your Skype for SIP profile to make outbound calls.

2.3 Configure MyPBX with Inbound Calling

2.3.1 Make a test Inbound Call from Skype

2.3.1.1 Set up a Business Account to test Inbound Calls from people with 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.

3) Click **Add a number or business account**.

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: yeostar.mypbx

Extension number: 500

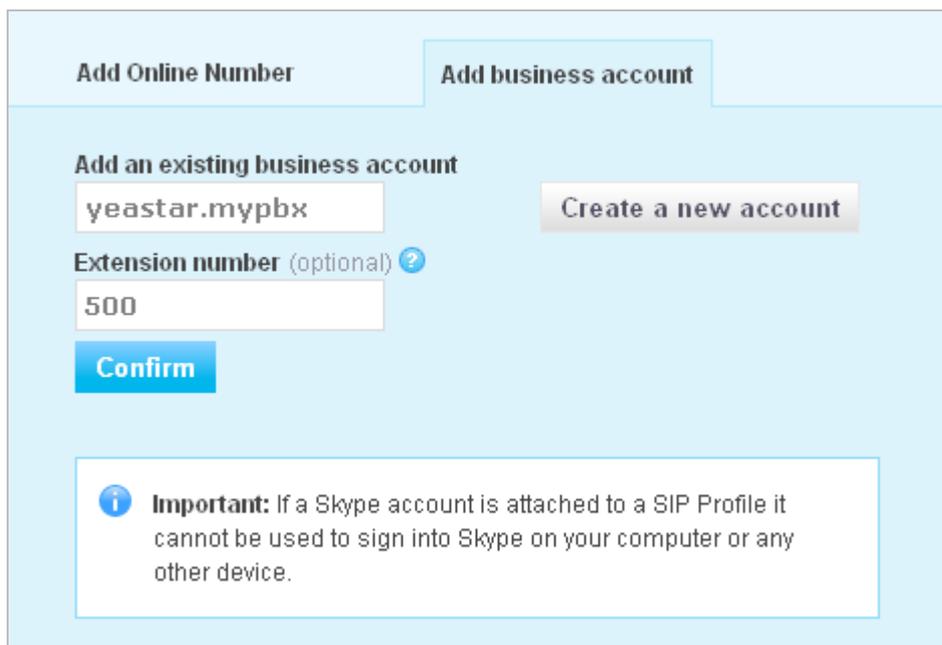


Figure 6

5) Click Confirm.

2.3.1.2 Set up the online number on MyPBX SIP Trunk.

MyPBX → Trunks → VoIP Trunk → Edit trunk '**SkypeForSip**'.

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

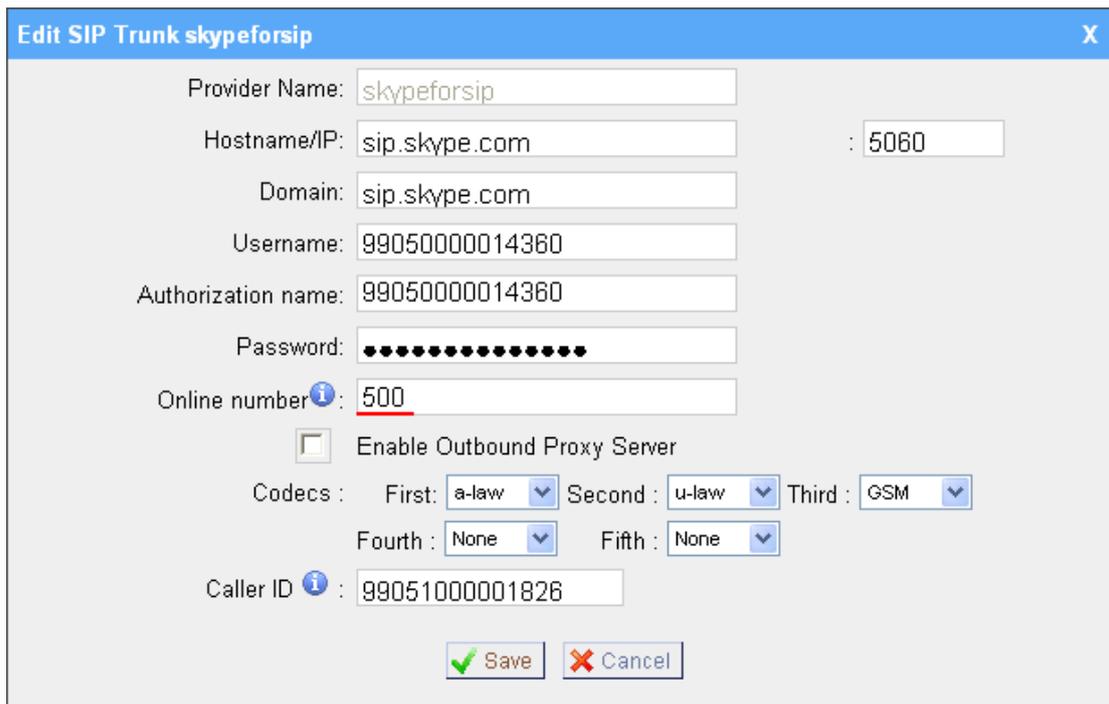


Figure 7

2.3.1.3 Create Inbound Route for Skype incoming call

Click 'New Inbound Route' and fill in the corresponding information in the popup window.

- **Route Name:** SkypeIncomingCall
- **Trunk Sequence:** SkypeForSIP
- **During Office Hours:** 500
- **Outside Office Hours:** 500

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

Edit Inbound Route
X

General

Route Name i :

DID Number i :

Caller ID Number i :

Trunk Sequence i

Available Trunks		Selected
pstn1(Analog FXO) pstn2(Analog FXO)	<input type="button" value="»»"/> <input type="button" value="→"/> <input type="button" value="←"/> <input type="button" value="««"/>	SkypeForSIP(SIP)

During Office Hours

Destination:

<input type="radio"/> End Call	
<input checked="" type="radio"/> Extension	<input type="text" value="User Extension -- 500"/> v
<input type="radio"/> VoiceMail	<input type="text" value="VoiceMail -- 500"/> v
<input type="radio"/> IVR	<input type="text" value="IVR -- welcome"/> v
<input type="radio"/> RingGroup	<input type="text" value="RingGroup -- ringgroup_def:"/> v
<input type="radio"/> Conference Room	<input type="text" value="Conference Room -- 640"/> v
<input type="radio"/> DISA	<input type="text"/> v

Outside Office Hours

Destination:

<input type="radio"/> End Call	
<input checked="" type="radio"/> Extension	<input type="text" value="User Extension -- 500"/> v
<input type="radio"/> VoiceMail	<input type="text" value="VoiceMail -- 500"/> v
<input type="radio"/> IVR	<input type="text" value="IVR -- welcome"/> v
<input type="radio"/> RingGroup	<input type="text" value="RingGroup -- ringgroup_def:"/> v
<input type="radio"/> Conference Room	<input type="text" value="Conference Room -- 640"/> v
<input type="radio"/> DISA	<input type="text"/> v

Figure 8

2.3.1.4 Call the business account's Skype Name you created in **2.3.1.1** from Skype.

2.3.2 Make a test Inbound Call from a landline or mobile phone

2.3.2.1 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.

2) Click **Add a number or business account**.

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

4) Complete the on-screen instructions to buy the Online Number. For more information on buying a new Online Number, please see the [Skype Manager User Guide](#).

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

2.3.2.2 Set up the online number on MyPBX SIP Trunk.

MyPBX → Trunks → VoIP Trunk → Edit trunk '**SkypeForSip**'.

Online number: Fill in the Skype online number which one buy from Skype.

E.g.: Online number is 05925503309

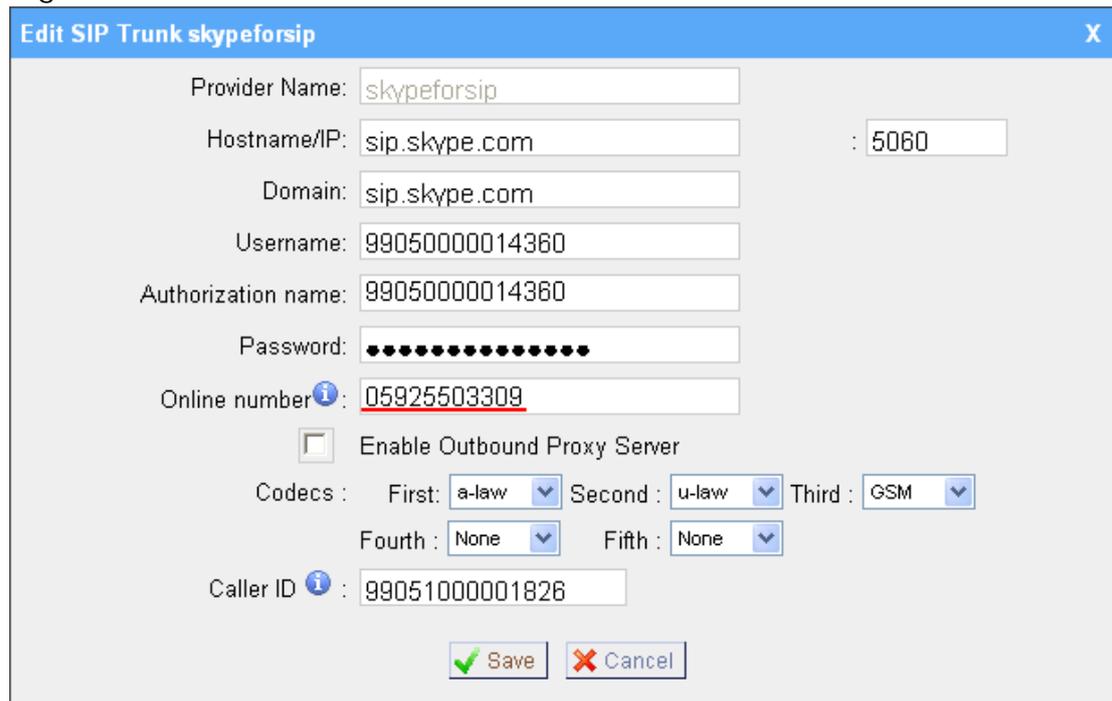


Figure 9

2.3.2.3 Create Inbound Route for Skype online number incoming call

Click 'New Inbound Route' and fill in the corresponding information in the popup window.

• **Route Name:** OnlineNumberCall

• **Trunk Sequence:** SkypeForSIP

• **During Office Hours:** 500

• **Outside Office Hours:** 500

As we can see from the Inbound Route of '**OnlineNumberCall**', all incoming

calls will be sent to the Extension 500.

Edit Inbound Route
✕

General

Route Name i :

DID Number i :

Caller ID Number i :

Trunk Sequence i

Available Trunks		Selected
pstn1(Analog FXO) pstn2(Analog FXO)	<input type="button" value="»»"/> <input type="button" value="→"/> <input type="button" value="←"/> <input type="button" value="««"/>	SkypeForSIP(SIP)

During Office Hours

Destination:

<input type="checkbox"/> End Call	
<input checked="" type="checkbox"/> Extension	<input type="text" value="User Extension -- 500"/>
<input type="checkbox"/> VoiceMail	<input type="text" value="VoiceMail -- 500"/>
<input type="checkbox"/> IVR	<input type="text" value="IVR -- welcome"/>
<input type="checkbox"/> RingGroup	<input type="text" value="RingGroup -- ringgroup_def"/>
<input type="checkbox"/> Conference Room	<input type="text" value="Conference Room -- 640"/>
<input type="checkbox"/> DISA	<input type="text"/>

Outside Office Hours

Destination:

<input type="checkbox"/> End Call	
<input checked="" type="checkbox"/> Extension	<input type="text" value="User Extension -- 500"/>
<input type="checkbox"/> VoiceMail	<input type="text" value="VoiceMail -- 500"/>
<input type="checkbox"/> IVR	<input type="text" value="IVR -- welcome"/>
<input type="checkbox"/> RingGroup	<input type="text" value="RingGroup -- ringgroup_def"/>
<input type="checkbox"/> Conference Room	<input type="text" value="Conference Room -- 640"/>
<input type="checkbox"/> DISA	<input type="text"/>

Figure 10

2.3.1.4 Call the Online Number associated with the SIP Profile from a landline or mobile phone.

You have now successfully set up Skype for SIP for use with MyPBX.

<Finish>