

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.

Skype				Sign in 🔸	Join • Tell a friend	• Buy Skype Credit • Search
	Features	Get Skype	Accessories	Support		Business
	Download	Skype Manager	Skype for SIP	Case studies	Partners	🔺 Sign into Skype Manager
Work fa	ister s	marter :	and save	on cos	sts	Skype Name
Real-time	solution	s for your b	ousiness.			Forgotten your password? About Skype Manager™
			L			Sign in Register

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.

Authentication detail	s	E
Please choose the method	of authentication needed for your PBX.	
Registration (Username/password)	or, IP Authentication 🥑	
SIP User	99050000014360	
Password	SCkKaGtu2WF694 Generate a new password	
Skype for SIP address	sip.skype.com	
UDP Port	5060	
A SIP user is not yet registered a	t sip.skype.com	

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**.

Profile settings			0
Profile name Pr	ofile 5		
Calling channels	Buy a channel subs	scription to activate this profile	
Outgoing calls	Set up outgoing cal	Is	×
	Add credit	Auto-Recharge settings	
0	€ 10.00	Add credit	
Caller ID 🥝	Set up Caller ID		
Incoming calls	Add a number or bu	siness account	





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 \rightarrow Basic \rightarrow Trunks \rightarrow VOIP Trunk \rightarrow New VOIP Trunk.	
Fill in the Skype for SIP's SIP profile details message in the pop-up windows	s.
Example: The Skype for SIP's SIP Profile is:	
SIP User: 99050000014360	
Password: SCkKaGtu2WF694	
Skype for SIP Address: sip.skype.com	
UDP Port: 5060	
Created New VolD trunk	Y

Created New VoIP trunk		X	
Туре:	SIP 💌		
Provider Name:	skypeforsip		
Hostname/IP:	sip.skype.com	: 5060	
Domain:	sip.skype.com		
Username:	99050000014360		
Authorization name:	99050000014360		
Password:	•••••		
Online number00:			
	Enable Outbound Proxy Server		
	🖌 Save 🔀 Cancel		

Figure 4

2.2.2 Create Outbound Route

 $MyPBX \rightarrow Basic \rightarrow Outbound Routes.$

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**'.

New Outbound Route	X
Route Name🛈 :	SkypeOutgoingCall
Dial pattern 🛈 :	0.
Strip	0 digits from front
Prepend these digits 🛈	before dialing
Calls From Extension(s)	
Available Extensions	Selected
	>>> 500(SIP) S01(SIP) S02(SIP) 503(SIP) 504(SIP) 504(SIP) S05(SIP) 505(SIP) 506(SIP) 506(SIP) \$07(SIP)
Make Outbound Calls On	
Available Trunks	Selected
pstn1(Analog FXO)	>>> SkypeForSIP(SIP)
pstn2(Analog FXO)	
	**
	Save X Cancel

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.

Create a new business account in Skype Manager. For more information on creating a new business account, please see the Skype Manager User Guide.
 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: yeastar.mypbx Extension number: 500

Add Online Number	Add business account
Add an existing business acco	ount
yeastar.mypbx	Create a new account
Extension number (optional) @ 500 Confirm	
Important: If a Skype act cannot be used to sign i other device.	count is attached to a SIP Profile it nto Skype on your computer or any

Figure 6

5) Click Confirm.

2.3.1.2 Set up the online number on MyPBX SIP Trunk. MyPBX \rightarrow Trunks \rightarrow VoIP Trunk \rightarrow Edit trunk '**SkypeForSip**'. Online number: Fill in the extension number which one you config in Skype

Manger.



Edit SIP Trunk skypeforsip		x
Provider Name:	skypeforsip	
Hostname/IP:	sip.skype.com	: 5060
Domain:	sip.skype.com	
Username:	99050000014360	
Authorization name:	99050000014360	
Password:	•••••	
Online number🛈:	500	
	Enable Outbound Proxy Server	
Codecs :	First: 🔤 a-law 🔽 Second : 🛛 u-law	💙 Third : GSM 🛛 👻
	Fourth : None 💌 🛛 Fifth : None	*
Caller ID 🛈 :	99051000001826	
	Save 🔀 Cancel	

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.



bound Route		
General		
Route Na	me 🛈 : SkypelncomingCall	
DID Numł	per 🛈 :	
Caller ID Num	per 🛈 :	
Trunk Sequence		
Available Trunks		Selected
pstn1(Analog FXO) pstn2(Analog FXO)	>>>> SkypeFo	rSIP(SIP)
During Office Hours		
	End Call	
	• Extension	User Extension 500
	O VoiceMail	VoiceMail 500
Destination:	© IVR	IVR welcome
	C RingGroup	RingGroup ringgroup_def
	C Conference Room	Conference Room 640
	C DISA	×
Outside Office Hours		
	C End Call	
	Extension	User Extension 500 🛛 👻
	C VoiceMail	VoiceMail 500 🔹
Destination:	CIVR	IVR welcome
	C RingGroup	RingGroup ringgroup_def
	C Conference Room	Conference Room 640
	C DISA	~

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 \rightarrow Trunks \rightarrow VoIP Trunk \rightarrow Edit trunk '**SkypeForSip**'.

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

E.g.: Online number is 05925503309

Edit SIP Trunk skypeforsip		Х	
Provider Name:	skypeforsip		
Hostname/IP:	sip.skype.com	: 5060	
Domain:	sip.skype.com		
Username:	99050000014360		
Authorization name:	99050000014360		
Password:	•••••		
Online number🛈:	05925503309		
	Enable Outbound Proxy Server		
Codecs :	First: 🔤 🕶 Second : 💷	💙 Third : GSM 🛛 👻	
	Fourth : None 💌 🛛 Fifth : None	v	
Caller ID 🛈 :	99051000001826		
	✓ Save 🔀 Cancel		

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.

Inbound Route		
General		
Route Na	me 🛈 : OnlineNumberCall	
DID Numb	per 🛈 :	
Caller ID Numb	per 🛈 :	
Trunk Sequence		
Available Trunks		Selected
pstn1(Analog FXO) pstn2(Analog FXO)	>>> SkypeFo	rSIP(SIP)
During Office Hours		
	C End Call	
	Extension	User Extension 500 🛛 🗸
	O VoiceMail	VoiceMail 500 💌
Destination:	○ IVR	IVR welcome 💌
	C RingGroup	RingGroup ringgroup_def
	C Conference Room	Conference Room 640 🛛 🗸
	C DISA	~
Outside Office Hours		
	End Call	
	Extension	User Extension 500 🗸 🗸
	C VoiceMail	VoiceMail 500 💌
Destination:	C IVR	IVR welcome
	C RingGroup	RingGroup ringgroup_deft 💙
	C Conference Room	Conference Room 640 🗸 🗸
	O DISA	~

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>