

# How to dial extens in PBX\_branch directly through IVR in PBX\_head

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# **1. Introduction**

This application note shows how to dial extens in MyPBX\_branch directly from the IVR of MyPBX\_head.

#### **Description:**

IP address of MyPBX\_head:192.168.6.2 IP address of MyPBX\_branch1:192.168.6.3 IP address of MyPBX\_branch2:192.168.6.4 Exten 301 is registered on the MyPBX\_branch1 Exten 401 is registered on the MyPBX\_branch2





# 2. Preparation

Make sure you can dial the exten 301 and exten 401 directly from the phone in MyPBX\_head.You can creat 2 outbound in MyPBX\_head as the following two pictures. **Firmware version:**X.19.0.48

I Outbound Route				
	Route Name	To_branch1		
	Password:	· · · · · · · · · · · · · · · · · · ·	PIN Settings	
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Member Extensions				
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		104(	SIP)	
	-	«« 106(	SIP)	
		10/(	511 /	
Member Trunks				
Available	Trunks		Selected	
E1Trunk1(E1)	*	To_t	ranch1(SPS)	*
I Outbound Route				
I Outbound Route	Route Name 0:	To_branch2		
I Outbound Route	Route Name Password:	To_branch2	PIN Settings	
I Outbound Route	Route Name Password: T.38 Support ① :	To_branch2	PIN Settings	
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I Outbound Route	Route Name Password: T.38 Support Rrmemory Hunt Office Hours :	To_branch2	PIN Settings	
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# 3. Configuration in SSH

## Step 1. Download a putty in your PC

We can access MyPBX SSH using putty or other terminal tools.

Putty download link: <u>www.yeastar.com/download/tools/putty.exe</u>.

## Step 2. Open putty by SSH

1)Before we open the putty by ssh, we need check the settings in MyPBX first.

Path:System---Network Settings---LAN Settings



# 2)Settings in putty





#### 3)Settings in putty

Change the value of Lines of scrollback to 200000, and then click 'Open'.

	Options controlling PuTTY's window				
Logging Terminal Keyboard Bell	Set the size of the w Columns 80	rindow Rows 24			
Features Window Appearance Behaviour Translation	When window is resized: Change the number of rows and columns Change the size of the font Change font size only when maximised Forbid resizing completely				
Selection     Colours     Connection     Data     Proxy     Telnet     Rlogin     SSH     Serial	Control the scrollback Lines of scrollback Display scrollbar Display scrollbar Reset scrollback Reset scrollback	k in the window 2000000 in full screen mode on keypress on display activity t into scrollback			

## 4)Login by ssh Account:root Password:ys123456





## Step 3. Edit by SSH

1)type `**vi /etc/asterisk/extensions.conf** ` in the putty and press keyboard `Enter' .



2)Find the IVR in MyPBX\_head that you need to dial to the extens in branch directly.

**Path:**PBX---Inbound Call Control---IVR The name of IVR is 'welcome ' here.

Edit IVR - welcome				х
	Number 0: 660		20	
	Name : wel	come		
	Prompt <sup>1</sup> : def	fault 🔹	Custom Prompts	
	Repeat Count 0: 3	T		
	Key Timeout 0: 3	T		
	🕑 🕕 Ena	ıble Direct Dial		
-		ass Events —		
Key	Action	Des	stination	
0	No Action	•	T	
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2	No Action	<b>v</b>	¥.	
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4	No Action	▼.	T	
5	No Action	•	v	
6	No Action	•	Ψ	
7	No Action	•	<b>v</b>	



3)Go back to the putty again to find the IVR. Type '/ ' and ' **welcome** ' to find the IVR called welcome.



After you type '/welcome', you can see the contest called voicemenu-custom-welcome. Copy the whole context.





4)Create a custom file in ssh



Copy whole context called voicemenu-custom-welcome here.





You can see the following pictures after you copy the whole context.



5)Find the name of the outbound route **Path:**PBX---Outbound Call Control---Outbound Routes

	Troute Traine .			DING	
	Password:			PIN Settings	
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	Rrmemory Hunt :	No	•		
	Office Hours :	[	•		
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Dial Pattern	Stri	ip.	Pr	epend	
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	Route Name	To_branch2			
	Password:		•	PIN Settings	
	T.38 Support	No	•		
	Rimemory Hunt	No			
	Office Hours :				
ial Patterns 🕕					
Dial Pattern	Str	ip	Pre	epend	
4XX					X

6)Go back to the putty and add two lines of script.

Insert the following two lins of script,To\_branch1 and To\_branch2 are the name of outbound routes, so they may be not the same in your site.

## include = CallingRule\_To\_branch1 include = CallingRule\_To\_branch2



After you insert the script, press keyboard  $\mathbf{Esc'}$ , and type  $\mathbf{iwq'}$  in the putty to save the file.



P 192.168.6.217 - PuTTY -	×
[voicemenu-custom-welcome]	~
exten = 660,1,NoOp(welcome)	
exten = 660, n, Set (CDR (orgdst) = 660)	
exten = 660,n,Background(record/default)	
exten = 660,n,WaitExten(3)	
exten = 660,n,Background(record/default)	
exten = 660,n,WaitExten(3)	
<pre>exten = 660,n,Background(record/default)</pre>	
exten = 660, n, WaitExten (3)	
<pre>exten = 8,1,Directory(interdirectory,default,ef)</pre>	
<pre>_exten = 9,1,Hangup</pre>	
exten = t,1,Goto(from-outside,100,1)	
<pre>exten = i,1,Goto(from-outside,100,1)</pre>	
include = from-outside	
include = conferences	
include = vmm	
include = CallingRule_To_branch1	
include = CallingRule_To_branch2	
~	
~	
~	
n.	
:wq	~

7)Make the file effect

Type the following two command to make the file effect

# mypbxconf





8)Try have a test now.

<End>

