IPPBX 搭建最小系统指南

1. 使用环境

IPPBX (PU 系列), IP 话机 (IPH 系列), 网络交换机,路由器路由器接运营商网络,可使接入路由器的终端可以上 Internet 网络交换机:接路由器的 LAN 口,扩展网络口用; IPPBX 的 WAN 口与 IP 话机的 LAN 口接到网络交换机的任一网络接口上

2. 修改 IPPBX 的网口参数(保证同一网络内)

比如本公司的网络为:

IP: 192.168.123.***

网关: 192.168.123.254

IPPBX 默认 WAN 口 IP 为 192.168.1.100; 先修改 IPPBX 的 WAN 口 IP 为 192.168.123.200; 修改好后,局域网内任何一台电脑可打开浏览器。输入 IP: 192.168.123.200 即可访问 IPPBX (登录用户和密码默认都是 admin)

		≡	User Name: admin	Current	Time: 2021-05-	04 11:33		
Q	Search	_	Network Profiles	IF	Pv6	Local Domain Name S	ervice	VLAN
æ	Status 🗸 🗸		WAN					
	Dashboard	-						
	Switchboard			N	letwork Mode 🕜	Static IP	•	
فر	Telephony <				IP Address	192.168.123.200		
<u>.111</u>	Reports <				Netmask	255.255.255.0		
⊡	System 🗸 🗸				Gateway	192.168.123.254		
	Storage				Primary DNS	8.8.8.8		
	Region and Time			Al	ternative DNS	114.114.114.114		
	Network			En	able Virtual IP 🕜		Off	
	Security Center					_		
	Email Services					Save		

3. 创建 IP 分机

\leftarrow	→ С 🔺 不安全 1	92.168.123.200/#/pages/telephony/extension	/digital	
	应用 M Gmail 💶 YouTu	ube 🕂 地图		
	=	User Name: admin Current Time: 2021	-05-04 11:39	
Q	Search	Departments	IP Extensions	Analog Ext
	Status 🗸	Add Bulk Add Bulk Edit D	elete Selected Delete	All
	Switchboard Telephony Y	Export Quick Register Code Export Exter	Import Extensio	n
	Extensions	Name Extension Number	Outbound CID 1 🛛	Outbound CID 2 😯
	Inbound Control Outbound Control	No items to display.		
	Audio Library Advanced Featur	0 Selected / 0 Total		
	Preferences			
	Feature Codes			

先创建一个 IP 账号,只需要设置下图中红框的参数,其他可使用默认值

Add				×
User F	Profiles Features	Advanced		
	Enable 🝞	On		
	Extension Number 📀	800	Mobile Number	
	Name	lory	Dial Permission 🛛	DialPlan1 🔻
	Password (Fair) 🕜	lory@800	Language 🕑	English 🔻
	Email 📀		Music On Hold	default 💌
	Outbound CID 1 😯		Outbound CID 2 💡	
				Cancel Submit

4. 配置 IP 话机

IP 话机是自动获取 IP, 因为只要接入网络, 自动会获取到一个 IP, 按 "MENU"键, 然后再按 "Enter"键, 就可以查看到当前的 IP 是多少了

IP 话机获取到的 IP 为 192.168.123.112 打开浏览器,输入 192.168.123.112,即可访问 登录用户密码都为 root

	Current location: SIP Account >Account1			
Phone Status	Account1			
Network	Account		Account1 🗸	
	Basic >>			
SIP Account		Enable	0	
Programmable Keys		Server type	Default 🗸	
Dhana Cattions		Number Of Lines	1 (Default: 2)	
Phone Settings		Display Name	lory	
Phonebook		Username	800 * 🕜	
		Authenticate Name	0	
Phone Maintenance		Password		
Security		Label	0	
		SIP Server	192.168.123.200 * 🚱	
		Secondary server	0	
		Outbound Proxy Server	0	
		Secondary Outbound Proxy Server	0	
		Polling interval time of registration	32 s Default value: 32s , range: 20s~60s	
		NAT Traversal	Disabled V	
		STUN Server	0	
		Register Expiration Time	3600 Default: 3600s, Min: 40s 🙆	
		OPTIONS Interval	30 Default: 30s, Min: 0s (Disable), Max: 60s 🚱	

只需要配置红色框内的参数即可

Username: 对应 IPPBX 里的 Extension Number

Password: 对应 IPPBX 里的 Password

SIP Server: IPPBX 的 IP, 默认的 SIP 端口为 5060;如果 IPPBX 里修改了端口为 5080,则这里就输入 192.168.123.200:5080

如果注册成功了,话机屏幕上会显示机主姓名 lory

或通过以下界面可查看注册情况

Current la	Current location: Phone Status					
Phone Status Phone	Status					
Network	System Run Time	0 Days 0 Hours 41 N				
	Register status 🚱					
SIP Account	Account 1	800 (Registered)				
	Account 2	None				
Programmable Keys	Network Status 🕜					
Phone Settings	LAN Port type	DHCP				
	MAC	00:26:8b:0b:74:f1				
Phonebook	LAN IP Address	192.168.123.112				
	Subnet Mask	255.255.255.0				
Phone Maintenance	Gateway	192.168.123.254				
	Primary DNS	192.168.123.254				
Security	Secondary DNS					

5. 多创建一个 IP 分机

按照步骤 3,4;再配置多一台 IP 话机;创建成功后,两台话机可以互拨通话 Extension Number: 801, Name: Tim 创建成功后,如果 800 话机拨打 801,

801 话机显示:

Ringing:

800

Lory

6. 呼出配置

以上步骤可实现分机互打了,如果呼出,需要进一步配置 先添加一条拨号规则

		≡	User Name: admi i	n Current Ti	me: 2021-05-04 01:13	
Q	Search		Trunks		Dial Rules	
æ	Status 🗸 🗸					
	Dashboard	l	Dial Rula Nama	Brapand	Dial Profix	Dial Pattorn
	Switchboard		Dial Rule Name	Prepend	Dial Pretix	Dial Pattern
ور	Telephony 🗸		No items to displ	ay.		
	Extensions					
	Inbound Control		0 Total			
	Outbound Control	_				
	Audio Library					
	Advanced Feature					

Add			×
	Dial Rule Name	fxo1	
Dial Pattern			
	Time Rules 🕜	None	~
	Prepend 😯		
	Dial Prefix 🝞	9	
	Dial Pattern 🕜		
	PIN Sets 🝞	None	•
	Outbound CID 🝞	Outbound C	ID 1 🔻
Ca	all Time limit(Sec) 🝞	60-3600	
Via Trunk/T	runks		
_	Call Method 🕜	Linear	•
A	vailable Trunks		Selected Trunks
		₽	FXO-1
			Cancel Submit

```
配置参数说明:
```

Dial Rule Name: 拨号规则名称,建议用英文字符,易记易懂即可
Dial Prefix: 9;拨9出外线
Dial Pattern: .;拨号没有特殊规则就直接输入一个英文字符句号
Available Trunks:选择拨9时用哪些外线呼出

如果需要配置不同的字头选择不同的外线呼出,请继续添加新的拨号规则

							·
Q	Trunks	Dial R	ules	Dial Permission		Outbound Fa	ах
æ	Add Dial Permission Name	Edit DialPlan1				×	Options
ر	DialPlan1 1 Total	Dial Rules	Available Rules	=	Selected fxo:	Rules	
		Internal Permissions	On	Daning & Intercom	On	_	
lant.		Department	On	Call Parking	On		
E A		Conference	On	Call Pickup	On		
*		DISA	On	Call Queue	On		
		Feature Codes	On	Call Spy	-	Off	
		IVR	On	Seize CO Line	_	Off	
						ancel Submit	

设置了拨号规则后,将拨号规则添加进拨号方案 DialPlan1 里即可

将外线接入到1号 RJ11口,任一部话机提机拨9,再拨自己的手机号。一会儿 就能拨通自己的手机了。