

How to set up VOI-9300 and VOI-7xxxx SIP Phone with Bridge

Mode

Scenario:

You are planning to roll out IP PBX VoIP service in the office, however we do not recommend placing the IP PBX behind a router due to NAT issues or acting a as a sole Gateway for the entire office's Internet traffic.

Most of the office set up has only one Ethernet cable wired to each desktop. How should I configure the devices so my desktop SIP phone has VoIP service, while my desktop computer can have office LAN access and internet, with one Ethernet cable only?

Topology:

VOI-9300 is connected to ADSL Modem, Router is connected to ADSL Modem. This creates two individual LAN for Office and VoIP. Desktop computer is connecting to the Office LAN via VOI-7xxx's Bridge mode.

Prerequisite:

You will need to know how to set up VOI-9300 and VOI-7000 series SIP phone and basic TCP/IP setting on the computer.



VOI-9300 IP PBX

1. Configure VOI-9300 PPPoE

CIP-PBX - Windows Internet Expl	lorer			_ 8 ×
🕒 🕤 👻 🖉 http://192.168.1.1/a	admin/modules/main.php		💌 🍫 🗙 Google	
檔案(F) 編輯(E) 檢視(V) 我的最 Google C. ▼	最愛(A) 工具(I) 說明(H) ▼ 開始 🖗 🌮 🔍 🔍 🛞 🎓 🕒 🛛	▲ 🖧 🗸 🟠 書簽 🛛 💁 121 日顯版 👘 拼字檢查 👻 🖇 🎒 編譯 👻 🕞 傳送到 🗸 🖉		🥥 設定▼ 連結
🔆 🛟 🏉 IР-РВХ			💦 • 🏠 • 🔊 - 🖶 • 📄 網頁(P)	• 🔘 IA(0) • "
one VOI-93	оо ір-рвх			
Home Network System H	Incoming Call # Outgoing Call # SwitchE	oard # Users # Advanced Setting # CDR # Factory Defaults # Ext		
		٢		×
17011 · · ·	WAN Setting			
PT444	WAN Link Types	PPPOE 💌		
	Internet Account	ac01436368v		
> Status	Internet Password	•••••		
> Lan settings		Config DNS Servers		
> WAN settings	First DNS Server	168. 95. 1. 1 (Optional)		
> DHCP Server	Second DNS Server	(Optional)		
> DDNS(Dynamic DNS)		Submit		
> VPN Settings				
				-
			😜 網際網路 受保護棋式: 開閉	🔍 100% 🔹 🏿

2. Disable the DHCP Setting of VOI-9300

CIP-PBX - Windows Internet Exp.	lorer			_ 8 ×
🕒 🗢 🔻 🖉 http://192.168.1.1/	'admin/modules/main.php		💌 🍫 🗙 Go	ogle 🔎 🔻
檔案(F) 編輯(E) 檢視(V) 我的。 Google C→	最愛(A) 工具(T) 說明(H) ▶ 開始 ∲ 🧭 🍳 🕰 😁 🎓 🕒 🛛	◢ 🎝 ▾ 🔓 書箋▾ 🔊 121 日欄紙 👘 拼字檢查 ▾ 🖓 翻譯 ▾ 🍺 傳送到▾ 🍐	9	③ 設定 → 連結
🔆 🛟 🏉 IР-РВХ			- 🔝 - 🟠 - 🔊	🖶 • 🛃 網頁(P) • 🍥 工具(0) • [»]
one VOI-93	00 IP-PBX			
Home Network System	Incoming Call # Outgoing Call # SwitchB	oard # Users # Advanced Setting # CDR # Factory Defaults # Exit		
	č.			*
the second se			2	
TRALL	DHCP Setting			
Provide and a second se	This IP-PB	X built-in DHCP server, which can config your computer's TCP/IP protocols on the LAN.		
	DHCP Server Status	Disable		
> Status	DHCP Service	Disable C Enable		
> Lan settings	Start IP Address	192.168.1.11		
> WAN settings	End IP Address	192.168.1.254		
> DHCP Server	Subnet Mask	255. 255. 255. 0		
> DDNS(Dynamic DNS)	Gateway	192. 168. 1. 1		
> VPN Settings	First DNS Server	(Optional)		
	Second DNS Server	(Optional)		
		Submit		
				T 100 F
				獲供式:開附 🔤 100% • 🏑

VOI-7xxx series SIP Phone

 Configure the Fixed WAN IP address of VOI-7xxx. The WAN IP address is the LAN IP of VOI-9300. The Gateway is the LAN IP of VOI-9300. Enter a well known DNS IP address. • Please note to Enable the Bridge.

C VolP Web Management - Window	ws Internet Explorer					X
🕞 🕞 🔻 🖉 http://192.168.1.100/login.cgi					🖌 🗙 Google	₽ -
檔案(F) 編輯(E) 檢視(V) 我的最	最愛(A) 工具(T) 說明(H)					
Coogle C=192.168.1.100	🚽 開始 🖗 🥔 😩 🥹 🎓	🖸 🚄 🌄 🗸 🏠 書籤-	🔕 121 已攔載 🏾 🏷 拼字檢查 ▾ 🤌	翻譯 👻 🍙 傳送到👻 🌽 💽 192.168.1.100		🥥 設定▼ 連結
🚖 🛟 💠 🗸 🏉 IP-PBX	🏉 VoIP Web Ma	nagement 🗙		🔒 - 🏠	• 🔊 - 🖶 • 📄 शव	₽) • 💮 工具(0) • "
	You could configu	ettings e your bridge settings in this	s page.			×
Phone Book	TCP/IP Configur	ation	C PPP-F			
Coll Sottings	IP Type. IP∙	92 168 1 100	-			
Can bettings	Mask:	255 255 255 0	-			
OTD C	Gateway:	192.168.1.1	-			
SIP Settings	DNS Server1:	168.95.1.1				
Auto Config	DNS Server2:	0.0.0.0	_			
User Password	MAC:	00116bc01544	_			
Save Change						
Update	PPPoE Configur	ation				
Reboot	User Name:					
	Password:					
	Bridge					
	Bridge:	⊙On COff		_		
		Submit Reset				
						-
完成					《網路 受保護棋式: 開閉	🔍 100 % 👻 🎢

4. Please configure the SIP account of VOI-7xxx to register to VOI-9300. The status will show if the registration is successful or not.

C VoIP Web Management - Windo	ws Internet Explorer			_ 5 ×
	10/login.cgi		▼ 49 :	K Google 🔎 🗸
檔案(F) 編輯(E) 檢視(V) 我的最	最愛(A) 工具(T) 說明(H)			
Google G-192.168.1.100	🗾 開始 🖗 🥙 🔍 🥹 🞓 🕒 🗾 🍒 🗸	🟠 書籤 🛪 🔊 121 已攔截 👋 拼	字檢查 ▼ 9~ 翻譯 ▼ 🍺 傳送到▼ 🌽 💽 192.168.1.100	② 設定★ 連結
🔆 🛟 🔡 🔹 🏉 IP-PBX	🏉 VoIP Web Management 🗙	www.level1.tw - /level1/faq/		🔊 - 🖶 • 🛃 網頁(P) • 🍥 工具(0) • "
on e	Service Domain	n Settings ce domains in this page.		<u>*</u>
Phone Book	Realm 1			
Call Settings	Active:	⊙On COff		
Network	Display Name:	2001		
SIP Settings	User Name:	2001		
Auto Config	Register Name:	2001		
User Password	Register Password:	•••••		
Sava Chango	Domain Server:	192.168.1.1		
Jave Change	Proxy Server:	192.168.1.1		
Opdate	Outbound Proxy:			
Reboot	Status:	Registered		
	Realm 2			
	Active:	⊙On COff		
	Display Name:	884393		
	User Name:	884393		
	Register Name:	884393		
	Register Password:	••••		
完成				各I受保護模式:開閉 🔍 100% 👻

- 5. Refer to the topology diagram above. Follow the sample illustration set up.
 - A. The LAN of VOI-9300 and Router connect to a switch.

- B. The switch is connected to the Ethernet Cable wired to Desktop.
- C. The Ethernet is connected to the WAN port of VOI-7xxx SIP phone.
- D. The LAN port of VOI-7xxx is connected to the Desktop Computer.
- 6. If you connect and configure correctly, your VOI-7xxx SIP phone will register to VOI-9300, and your computer should obtain IP address automatically from the Router.