



Registration and Peering explained

Mike Johnstone - 2024-04-08 - Handsets

Registration and Peering explained

We support most SIP-based VoIP devices including Analog Telephone Adaptors (ATA), IP Phones, IP PBX systems, and Softphones.

Generic SIP Registration

- **Display Name:** your caller ID
- **Proxy Server:** **plus.sipcity.com**
- **User name / Account ID / Authenticate ID:** (the phone number you are trying to register 1xxxxxxxxxxx)
- **Password:** your number's password
- **Transport:** UDP 5060 / TLS 5061
- **Server Expires:** 180
- **Register with the Proxy:** yes
- **Make calls without registration:** no
- **Codecs:** G711a/u, G729

Account	Account 1		?
Register Status	Registered		
Line Active	Enabled		?
Label	Jasmin		?
Display Name	Jasmin		?
Register Name	61289705500		?
User Name	61289705500		?
Password		?
Enable Outbound Proxy Server	Enabled		?
Outbound Proxy Server	call.sipcity.com.au	Port 5061	?
Transport	UDP		?
NAT	Disabled		?
STUN Server		Port 3478	?
SIP Server 1 ?			
Server Host	call.sipcity.com.au	Port 5061	?
Server Expires	180		?
Server Retry Counts	0		?
SIP Server 2 ?			
Server Host		Port 5060	?
Server Expires	3600		?
Server Retry Counts	3		?
Confirm		Cancel	

SIP Peering

Enables a direct trusted IP - IP network connection between your IP-PBX and our voice public IP via a static WAN IP address.

Recommended settings

- **Proxy:** 27.111.12.66 (27.111.12.0/24)
- **Recommended Firewall rule:** 27.111.12.0/24.
- **Ports:** UDP 5060 or TLS 5061

We support the following two variations of Peering:

- **Global SIP Peering:** where all numbers on an account are directed to a single customer IP address
- **Standalone:** where a customer only wants to direct calls to a single number to a standalone IP address
- **Trunking:** supports customers with on-premise PBX devices that connect via device registration (UserName and Password). This feature allows an administrator to configure a single registration number to their PBX but preserving the CLI of all outgoing numbers.

See also:

- [Ports and IPs.](#)
- [Setting up SIP Peering.](#)

Tags

Device

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