



## Registration and Peering explained

Mike Johnstone - 2024-04-15 - PBX, Peering, Ports and IPs

# Registration and Peering explained

### SIP Registration

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:** call.sipcity.com.au
- **User name / Account ID / Authenticate ID:** (the phone number you are trying to register 61xx)
- **Password:** your number's password
- **Transport:** UDP 506 / TLS 5061
- **Server Expires:** 180
- **Register with the Proxy:** yes
- **Make calls without registration:** no
- **Codecs:** G711a/u, G729

<b>Account</b>	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 ?
<b>SIP Server 1</b>	?	
Server Host	call.sipcity.com.au	Port 5061 ?
Server Expires	180	?
Server Retry Counts	0	?
<b>SIP Server 2</b>	?	
Server Host		Port 5060 ?
Server Expires	3600	?
Server Retry Counts	3	?
<input type="button" value="Confirm"/>		<input type="button" value="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:** 103.55.116.65 (103.55.116.0/24)
- **Recommended Firewall rule:** 103.55.116.0/24.
- **Ports:** UDP 5060 or TLS 5061
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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.](#)