



## Registration and Peering explained

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

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### 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

### 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.](#)