

<u>Knowledge Base</u> > <u>PBX</u>, <u>Peering</u>, <u>Ports and IPs</u> > <u>Registration and Peering explained</u>

# **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

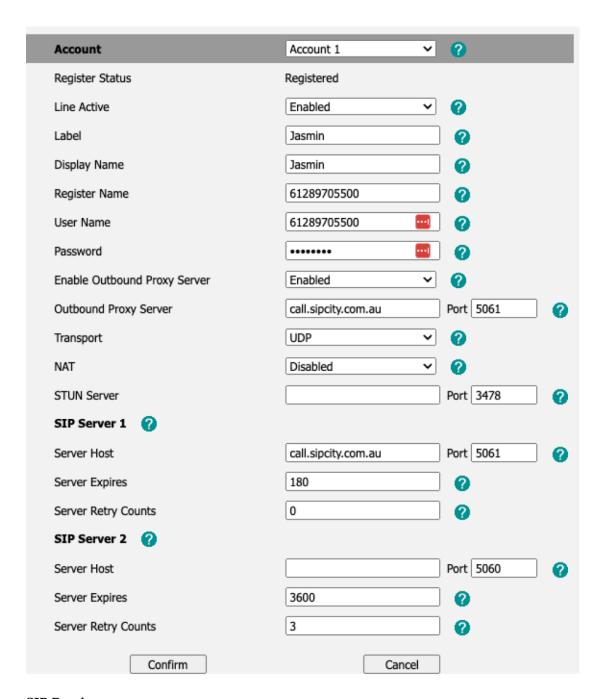
• **Transport:** UDP 506 / TLS 5061

• Server Expires: 180

• Register with the Proxy: yes

• Make calls without registration: no

• Codecs: G711a/u, G729



## **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
- ullet 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.