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Setting up SIP Peering

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Setting up SIP Peering

SIP Peering (also known as SIP Trunking or Call Paths) allows you to statically connect your IP-PBX to our public SIP proxy **27.111.12.66**.

📌 : Note

Peering is different from **SIP Registration**. Registration requires a Proxy address (**plus.2talk.com**) **UserName** and **Password** to authenticate with our voice proxy. Peering instead relies on your fixed WAN IP address.

Once SIP Peering is enabled, your WAN IP is **whitelisted** and all other IPs are blocked from accessing our voice service.

As an extra security measure, we strongly recommend creating a firewall rule that restricts SIP traffic on your PBX to our IP range:

27.111.12.0/24

We support three modes of Peering:

1. SIP Peering Global
2. SIP Peering Standalone
3. Trunking

The screenshot displays two configuration panels for SIP Peering. The left panel, titled 'SIP Peering Global', includes a toggle switch and four input fields: 'Sip Peering number', 'Pilot Number:', 'Primary IP address', and 'Failover IP address'. It features 'CANCEL' and 'SAVE' buttons at the bottom. The right panel, titled 'SIP Peering Standalone', includes a toggle switch and a single 'IP Address' input field, also with 'CANCEL' and 'SAVE' buttons.

1. SIP Peer Global

Global Peering routes all Inbound and Outbound traffic on an account to a single nominated WAN IP linked to one phone number.

- All CloudPBX features are disabled in this mode (except for emergency failover).
- Select **SIP Peering Global**.
- Add Primary Trunk Host IP Address, and fail over Trunk IP Address (optional).
- Select **Save**.

2. Standalone Peering

A standalone peer is where the network admin connects an IP-PBX to a single number. Standalone peering is a convenient mechanism enabling administrators to connect multiple offices each with its own WAN IP.

1. Select Line **SIP Peering Standalone** >> Enable
2. Add IP Address.
3. Select Save.

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