

Preferences

SIP Peering

SIP Peering

SIP Peering (also called SIP Trunking) enables you to statically connect your IP-PBX public interface (WAN IP) with our public IP while we inturn limit access to your nominated static IP.

NB - Peering differs from SIP Registration which relies on an authenticated UserName, Password to connect to our voice proxy.

Once you have enabled SIP Peering we whitelist your WAN IP blocking any other IP from communicating with our Voice service. To harden your public IP address from unauthorised intrusion we advise restricting access to your SIP port to our public IP.

We support two modes of Peering:

- **Global:** All Inbound and Outbound traffic is routed to a single nominated WAN IP
- **Single:** A single DID is linked to your nominated WAN IP

Quick Guide

Step 1: Enabling a global SIP Peer

1. Log into <https://now.tel2.co.uk>.
2. Select **Cloud PBX** > select number > **Preferences** > **SIP Peering**
3. Click **Enable SIP peering**
4. Add Primary Trunk Host IP Address, and failover Trunk IP Address (Note: this is optional)

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Exception Route

An Exception Route covers the scenario where you have a main office holding the majority of phone numbers and a regional office with its own WAN IP. The Exception Route is therefore a convenient mechanism that enables you to attach an alternate Peering IP to that the regional office (for example).

The screenshot shows the 'Preferences' page for 'Your First Demo Customer'. The left sidebar contains navigation links: Messages, Inbound Calls, Outbound Calls, Advanced, Preferences (selected), Personal Information, Screening Calling, Time, page and contact Options, Time Schedules, Video Quality & Networking, SIP Peering (highlighted), TOS, FQDN & Secure RTP Options, Web-conference, Media, Reception console, and Call. The main content area is titled 'SIP Peering' and includes the following text and form elements:

If you have an IP PBX directly connected to the Internet you configure your account as a SIP peer (Advanced users)

Enable SIP peering on this account and make this number my pilot number

Primary Trunk Host IP Address:

Fallover Trunk Host IP Address (optional):

Exception route (optional)
(Instead of routing calls to the Primary trunk host IP, you may specify a different IP address for call routing for this area (optional))

Handle SIP trunk signalling as behind NAT (Ignoring Private IP addressing in Contact/SDP and UA headers etc.)

Do not reset my line settings when enabling my SIP trunk.

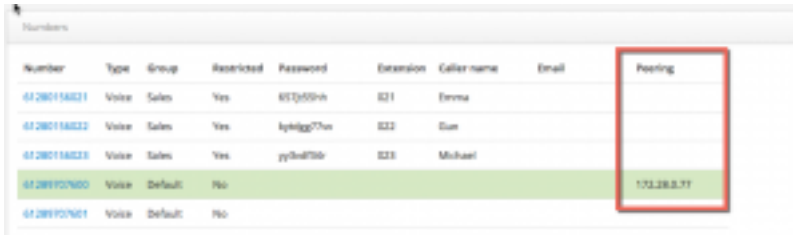
NOTE: Unless you tick the box above, the following will happen to each line on your account the very first time (and only the first time) that you enable SIP trunking:

- All settings on each line are reset to their default values
- Voicemail is disabled on each line
- Dial by Name feature is disabled on each line
- Call Recording is disabled on each line
- Call transfer features are disabled on each line

Step 2: Single Peer

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1. Log into <https://now.tel2.co.uk>.
2. Click on **Cloud PBX** on top menu
3. **Line Number Select** page will appear
4. Click **Peering** field for the number you wish to set up
5. Add Primary Trunk Host IP Address, and failover Trunk IP Address (Note: this is optional)



Number	Type	Group	Restricted	Password	Extension	Caller name	Email	Peering
01208150221	Voice	Sales	Yes	613j559h	021	Emma		
01208150222	Voice	Sales	Yes	lphkg70w	022	Sam		
01208150223	Voice	Sales	Yes	py9nd750	023	Michael		
012081507600	Voice	Default	No					152.28.3.71
012081507601	Voice	Default	No					

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