

How to connect two IPPBX with IAX Trunk

1. Build one peer trunk on IPPBX A

Trunks-->Add a Trunk (choose protocol IAX)

Then configure it as the picture shows below

The screenshot displays the Zycoo web interface. On the left is a sidebar with navigation links: Home, Basic, Extensions, Trunks, Outbound Routes, Inbound Control, Advanced, Status, and System. The main area shows the 'Trunks' configuration page. An 'Edit' dialog box is open, showing the configuration for a new trunk. The 'Provider Type' is set to 'Peer'. The 'Peer Name' is 'server', 'Protocol' is 'IAX', 'Dial Plan' is 'default', 'Host' is 'dynamic', 'NAT' is unchecked, 'Prefix' is empty, 'Without Authentication' is unchecked, 'Username' is 'demo', and 'Password' is masked with dots. The background shows the 'Trunks' table with 6 rows and a sidebar with navigation links like Home, Basic, Extensions, Trunks, Outbound Routes, Inbound Control, Advanced, Status, and System.

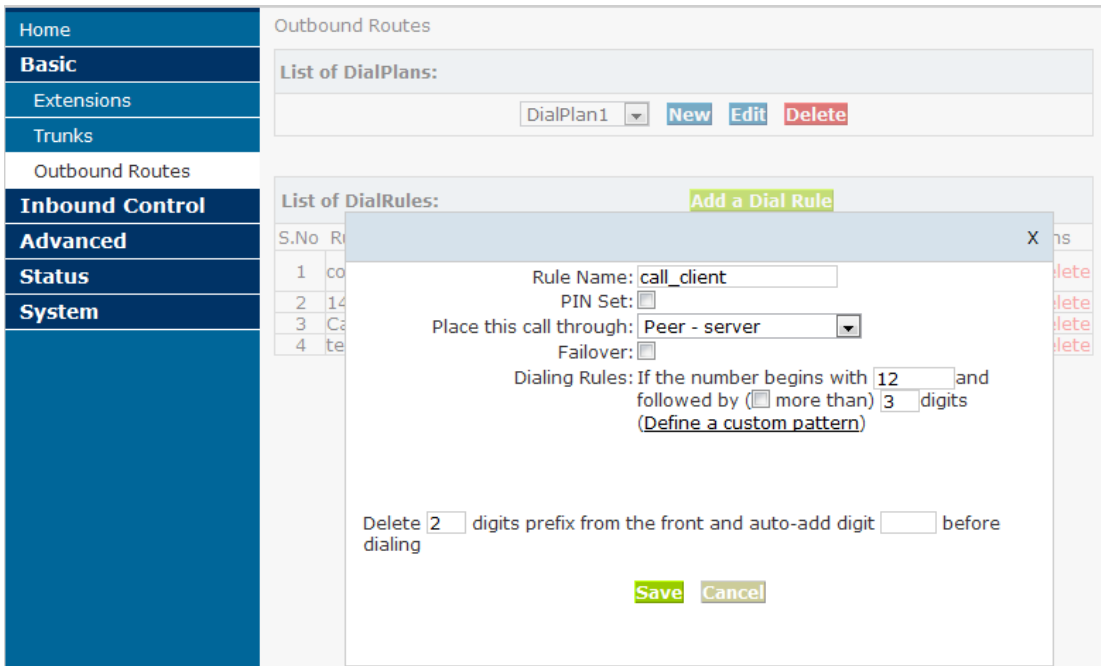
- If it's a remotely connection you have to setup port forwarding for port 4569 on your router for the IPPBX A(server end).

And if you don't have static public IP address you need to use DDNS feature, you can subscribe a domain on www.no-ip.com.

The screenshot displays the Zycoo web interface. On the left is a sidebar with navigation links: Home, Basic, Inbound Control, Advanced, Status, System, Network & Country, Troubleshooting, Network Advanced, Time Settings, Management, Data Storage, Backup, and Update. The main area shows the 'DDNS Settings' page. The 'DDNS Enable' checkbox is checked. The 'DDNS Server' is set to 'www.no-ip.com', 'Username' is 'zycootech', 'Password' is masked with dots, 'Domain' is 'zycoo.no-ip.org', and 'Update Time(s)' is '120'. The background shows the 'DDNS Settings' page with tabs for DHCP Server Settings, DDNS Settings, and VPN Settings.

2. Then configure outbound route on A

Outbound Routes-->Add a Dial Rule



Home

Basic

Extensions

Trunks

Outbound Routes

Inbound Control

Advanced

Status

System

Outbound Routes

List of DialPlans:

DialPlan1 New Edit Delete

List of DialRules:

Add a Dial Rule

S.No R ns

1 co

2 14

3 Ca

4 te

Rule Name: call_client

PIN Set:

Place this call through: Peer - server

Failover:

Dialing Rules: If the number begins with 12 and followed by (more than) 3 digits (Define a custom pattern)

Delete 2 digits prefix from the front and auto-add digit before dialing

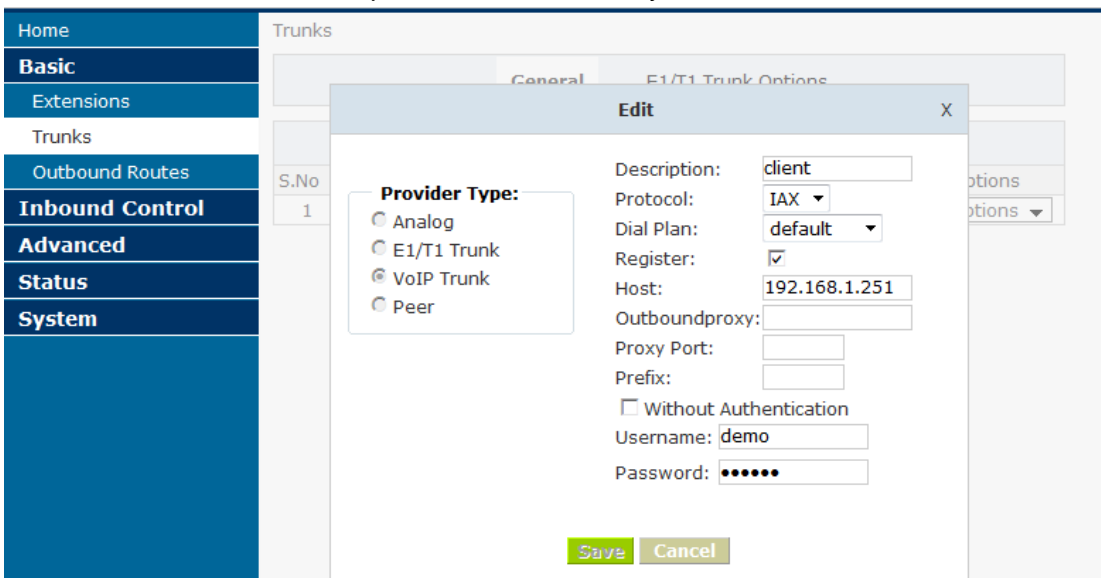
Save Cancel

3. Build one voip trunk on IPPBX B

Trunks-->Add a Trunk (choose protocol IAX)

Fill in the IP address of IPPBX A in the Host blank

Username and Password please fill in with what you had defined on IPPBX A



Home

Basic

Extensions

Trunks

Outbound Routes

Inbound Control

Advanced

Status

System

Trunks

S.No

1

General E1/T1 Trunk Options

Edit

Provider Type:

Analog

E1/T1 Trunk

VoIP Trunk

Peer

Description: client

Protocol: IAX

Dial Plan: default

Register: ☒

Host: 192.168.1.251

Outboundproxy:

Proxy Port:

Prefix:

☐ Without Authentication

Username: demo

Password:

Save Cancel

(If it's a remote registration please fill in the public IP address or domain in the Host blank)

4. Configure outbound routes on B

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Outbound Routes

List of DialPlans:

DialPlan1

New
Edit
Delete

List of DialRules:
Add a Dial Rule

X

Rule Name:

PIN Set: ☐

Place this call through: VoIP - client

Failover: ☐

Dialing Rules: If the number begins with and followed by (☐ more than) digits
[\(Define a custom pattern\)](#)

Delete digits prefix from the front and auto-add digit before dialing

Save
Cancel

Then IPPBX A and B can call each other.

E.g.: one extension on IPPBX A is 801, and another extension on IPPBX B is 601, then 601 calls 12801, and 801 on A will ring, 801 calls 12601 and 601 on B will ring too.