

MyNet SIP Trunk

3CX Configuration Guide

Version 1.2

3rd July 2024

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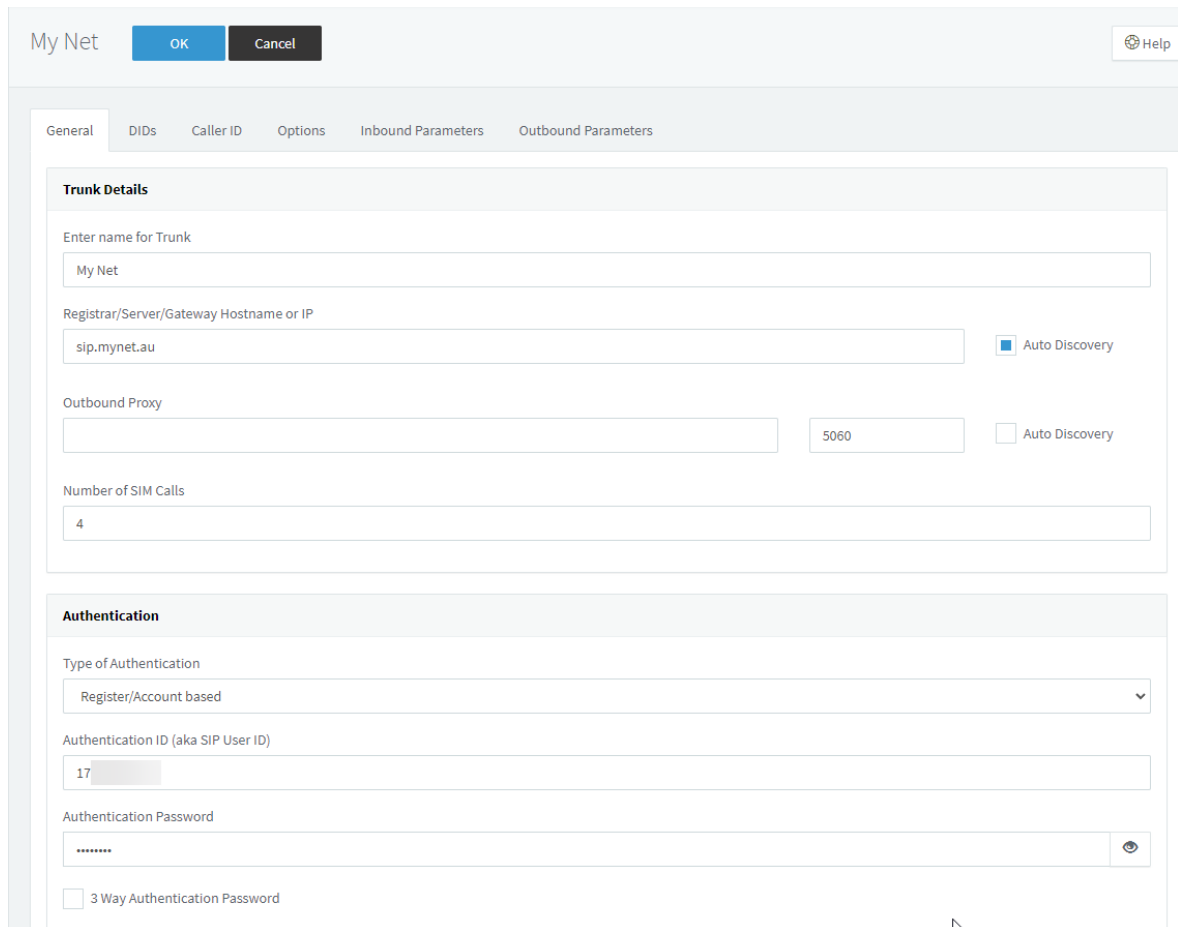
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This guide will provide an example of how to configure a My Net SIP Trunk on a 3CX system.

Before proceeding, See our basic configuration details: [MyNet SIP Trunk – Configuration Basics](#)

Configuring the Trunk

1. Login to 3CX and goto SIP Trunks
2. Click Add SIP Trunk
3. Select AU as the Country
4. Select the Provider Breeze (We will use their template as you can't create a customer template)
5. Enter your main trunk number in E164 format.
6. Click Ok
7. Change the Name to MyNet
8. Change "Registrar/Server/Gateway Hostname or IP" to sip.mynet.au
9. Enter the number of SIM Calls for your trunk
10. Under authentication select Register/Account Based
11. In Authentication ID enter your trunk username
12. In Authentication Password enter your trunk password



The screenshot shows the 3CX configuration interface for a SIP Trunk named "My Net". The interface has a top bar with "My Net", "OK", "Cancel", and "Help" buttons. Below this is a tabbed interface with "General", "DIDs", "Caller ID", "Options", "Inbound Parameters", and "Outbound Parameters". The "General" tab is active, showing the "Trunk Details" section. In this section, the "Enter name for Trunk" field contains "My Net". The "Registrar/Server/Gateway Hostname or IP" field contains "sip.mynet.au" and has an "Auto Discovery" checkbox checked. The "Outbound Proxy" field is empty, and the "5060" checkbox is unchecked. The "Number of SIM Calls" field contains "4". Below this is the "Authentication" section. The "Type of Authentication" dropdown is set to "Register/Account based". The "Authentication ID (aka SIP User ID)" field contains "17". The "Authentication Password" field is masked with "*****" and has an "eye" icon to toggle visibility. At the bottom, there is a checkbox for "3 Way Authentication Password" which is unchecked.

13. Setup routing as per your requirements
14. Enter all you DIDs in the DIDs Tab
15. Goto the Caller ID Tab

16. In the Default Outbound Caller ID section. Enter your default caller ID number in E164 format in the “Configure Outbound Caller ID” box
17. Save the SIP Trunk by clicking Ok
18. Trunk should register. If you are having issues with registration please confirm all requirements are met in the [MyNet SIP Trunk – Configuration Basics](#)

Configuring outbound Rules

All calls must be presented with a valid E164 destination number. Below is how to configure 3CX to modify user input number into the correct format.

Rules must be in the following order.

Outbound Rules

+ Add

Edit

Delete

↕ Move Up

↩ Move Down

Search ...

☐	Outbound Rule Name	Call from Ext.	Prefix	Length	Extension Group	Route 1	Route 2	Route 3	Route 4	Route 5
☐	Emergency Calls		000	3		My Net	BLOCK	BLOCK	BLOCK	BLOCK
☐	13 Numbers		13	6		My Net	BLOCK	BLOCK	BLOCK	BLOCK
☐	Local Calls			8		My Net	BLOCK	BLOCK	BLOCK	BLOCK
☐	Premium Numbers		1300,1800	10		My Net	BLOCK	BLOCK	BLOCK	BLOCK
☐	National and Mobile		02,03,04,07,08	10		My Net	BLOCK	BLOCK	BLOCK	BLOCK
☐	E164 Dialling		61	5,6,7,8,9,10,11,12,13...		My Net	BLOCK	BLOCK	BLOCK	BLOCK
☐	International Dialling		0011	9,10,11,12,13,14,15...		BLOCK	BLOCK	BLOCK	BLOCK	BLOCK

Rue Name	Notes
Emergency Services	Required for Calls to 000
13 Numbers	Used to Call 13 numbers that are 6 digits
Local Numbers	Used to route local state calls that start without and area code (8 digit numbers).
National and Mobile	Used for Interstate and Mobile Calls
Premium Numbers	Used to route 1300 and 1800 numbers
E164	Use to route numbers already in E164 format
International	Use to route international calls. (This is optional. Only required if you want to make international calls)

Emergency Calls

Emergency Calls

OKCancel

Help

General

Rule Name

Emergency Calls

Apply this rule to these calls

Calls to numbers starting with prefix

000

Calls from extension(s)

Calls from extension(s)

Calls to Numbers with a length of

3

Calls from extension group(s)

+ Add

Make outbound calls on

Configure up to 5 backup routes for outgoing calls. Each route can be configured differently

Route			Strip Digits	Prepend	Outbound Caller ID
Route	1	My Net	0	61	
Route	2	BLOCK CALLS	0		

13 Numbers

13 Numbers

OKCancel

Help

General

Rule Name

13 Numbers

Apply this rule to these calls

Calls to numbers starting with prefix

13

Calls from extension(s)

Calls from extension(s)

Calls to Numbers with a length of

6

Calls from extension group(s)

+ Add

Make outbound calls on

Configure up to 5 backup routes for outgoing calls. Each route can be configured differently

Route			Strip Digits	Prepend	Outbound Caller ID
Route	1	My Net	0	61	
Route	2	BLOCK CALLS	0		

Local Calls

Australian uses 8-digit local phone numbers with a prefixed STD area code.

Please use the table below to fill out the correct outbound rule for your local state

Area Code	Region	State or Territory	3CX Prepend
02	Central East	NSW, ACT	612
03	South East	VIC, TAS	613
07	North East	QLD	617
08	Central and West	WA, SA, NT	618

Below example is for South Australia

Local Calls OK Cancel Help

General

Rule Name
Local Calls

Apply this rule to these calls

Calls to numbers starting with prefix
Calls to numbers starting with prefix

Calls from extension(s)
Calls from extension(s)

Calls to Numbers with a length of
8

Calls from extension group(s)
+ Add

Make outbound calls on

Configure up to 5 backup routes for outgoing calls. Each route can be configured differently

Route	1	My Net	Strip Digits 0	Prepend 618	Outbound Caller ID
Route	2	BLOCK CALLS	Strip Digits 0	Prepend	Outbound Caller ID

Premium Numbers

Premium Numbers OK Cancel Help

General

Rule Name
Premium Numbers

Apply this rule to these calls

Calls to numbers starting with prefix
1300,1800

Calls from extension(s)
Calls from extension(s)

Calls to Numbers with a length of
10

Calls from extension group(s)
+ Add

Make outbound calls on

Configure up to 5 backup routes for outgoing calls. Each route can be configured differently

Route	1	My Net	Strip Digits 0	Prepend 61	Outbound Caller ID
Route	2	BLOCK CALLS	Strip Digits 0	Prepend	Outbound Caller ID

National and Mobile

National and Mobile

OKCancel

Help

General

Rule Name

National and Mobile

Apply this rule to these calls

Calls to numbers starting with prefix

02,03,04,07,08

Calls from extension(s)

Calls from extension(s)

Calls to Numbers with a length of

10

Calls from extension group(s)

Add

Make outbound calls on

Configure up to 5 backup routes for outgoing calls. Each route can be configured differently

Route		Strip Digits	Prepend	Outbound Caller ID
Route 1	My Net	1	61	
Route 2	BLOCK CALLS	0		

E164 Dialing

E164 Dialing

OKCancel

Help

General

Rule Name

E164 Dialing

Apply this rule to these calls

Calls to numbers starting with prefix

61

Calls from extension(s)

Calls from extension(s)

Calls to Numbers with a length of

5-10

Calls from extension group(s)

Add

Make outbound calls on

Configure up to 5 backup routes for outgoing calls. Each route can be configured differently

Route		Strip Digits	Prepend	Outbound Caller ID
Route 1	My Net	0		
Route 2	BLOCK CALLS	0		



International Dialing

International Dialling

OKCancel

Help

General

Rule Name

International Dialling

Apply this rule to these calls

Calls to numbers starting with prefix

0011

Calls from extension(s)

Calls from extension(s)

Calls to Numbers with a length of

9-24

Calls from extension group(s)

+add

Make outbound calls on

Configure up to 5 backup routes for outgoing calls. Each route can be configured differently

Route		Strip Digits	Prepend	Outbound Caller ID
Route 1	BLOCK CALLS	0		
Route 2	BLOCK CALLS	0		

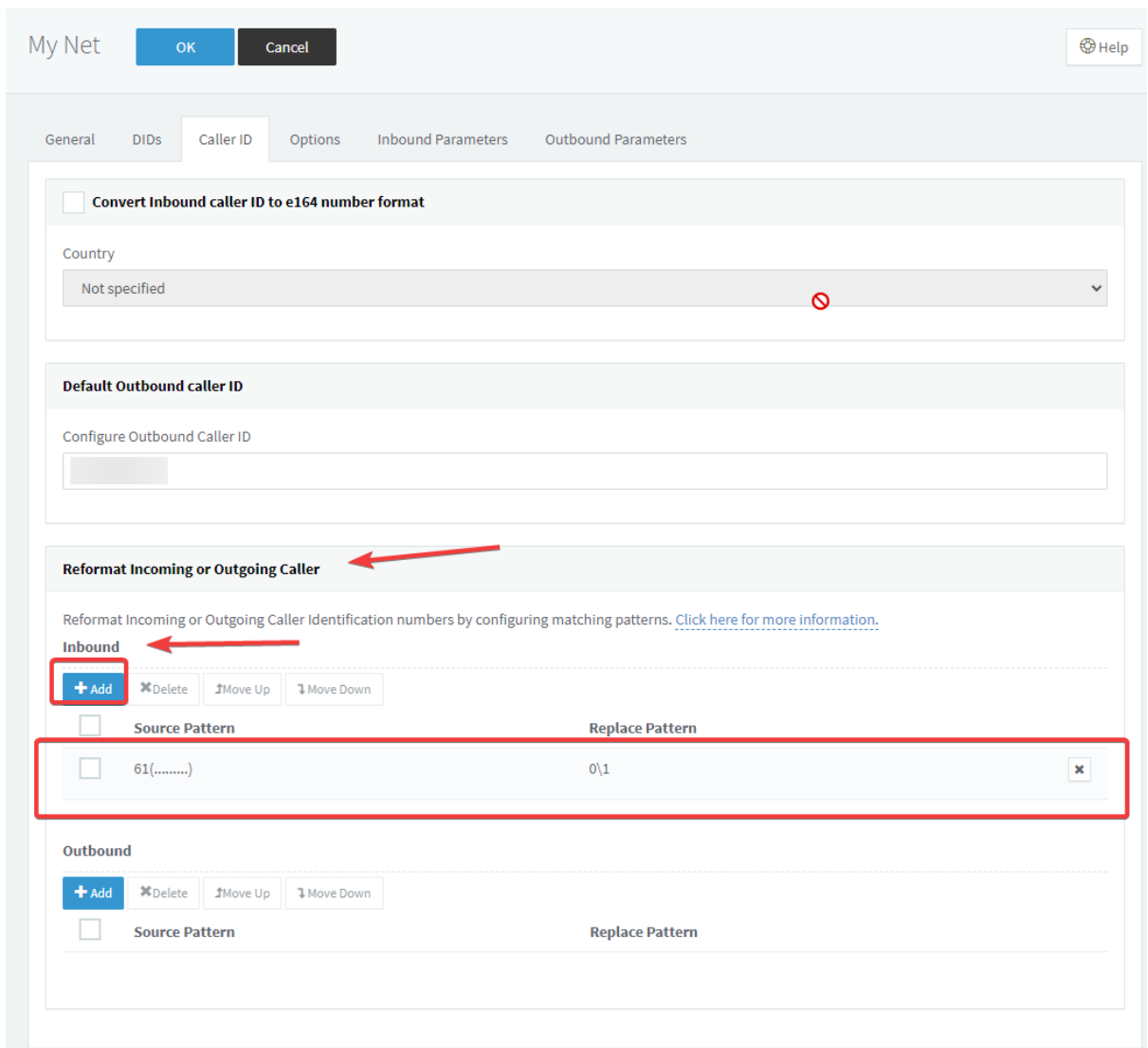
Optional Configuration

Incoming Caller ID

All caller IDs are sent in E164 format (618XXXXXXXX). Some customers may want to modify this to look like 08XXXXXXXX. In this case you can perform the following steps to have 3CX rewrite the caller ID.

Note: This will match any incoming Caller ID, Starting with 61 followed by 9 digits. It will strip the 61 at the start and replace it with 0

1. Goto the MyNet Trunk settings
2. Goto the Caller ID tab
3. Under “Reformat Incoming or Outgoing Caller”
4. Under Inbound, Click Add
5. In Source Pattern enter “61(.....)”
6. In Replace Pattern enter “0\1”
7. Click OK



The screenshot shows the 'My Net' configuration window with the 'Caller ID' tab selected. The 'Reformat Incoming or Outgoing Caller' section is highlighted with a red box. Within this section, the 'Inbound' sub-section is active, and the '+ Add' button is highlighted with a red box. Below the 'Add' button, a table shows a pattern '61(.....)' being replaced with '0\1'.

Source Pattern	Replace Pattern
61(.....)	0\1

8. Click OK at the top of the screen to save the trunk settings

9. In some cases it may be required to Refresh the trunk registration for changes to take effect.