



Terence Eden's Blog



[SIP on Android - Sipgate and Linphone](#)

By @edent on 2023-04-07 · [#android](#) [#sip](#) [#voip](#) · [2 comments](#) · 350 words · Read ~371 times.



Three years ago, I wrote about how you could [add SIP calls to Android for free](#). Android had a well-integrated system which made VoIP calling a first-class citizen on its handsets.

Sadly, [Google killed native SIP calling in Android 12](#). FFS!

It's relatively easy to get it set up again, although you'll need to install a separate app.

01. Sign up for a [free Sipgate account](#). That will get you a UK phone number (+44), username, and password.
02. Install [Linphone for Android](#) (or via [F-Droid](#))

Setting up Linphone should be straightforward. Enter your Sipgate username (a mix of letters and numbers) and password. The server is `sipgate.co.uk`. Finally, you *must* select UDP from the transport options.

← ASSISTANT

USE SIP ACCOUNT

Please enter your username and password with your SIP domain

Username
[blurred]

Password
.....

Domain
sipgate.co.uk

Display name (optional)

TRANSPORT UDP TCP TLS

LOGIN

And... that's it!

You can now call my SIP number from any phone [+441234815259](tel:+441234815259). It gets routed to Sipgate, which then notifies the app on my phone, which rings, and I can answer.

Sadly, because the native Android dialler doesn't support SIP - it's impossible to choose your SIP account when dialling. So you have to remember to open the Linphone app each time.

Why did Google remove SIP?

Because they're evil and they hate open standards which enable interoperability? Nah¹.

Because mobile network operators are terrified of losing even the tiniest sliver of voice revenue? Nah¹.

I suspect it was because close to zero people were using it. If you want to make a VoIP call, most people are using WhatsApp, Signal, Telegram, etc. I don't think I've ever seen someone advertising a SIP address in the wild.

It would be lovely if the big apps made even a vague attempt at interoperability. There's no technical reason why `user@whatsapp.com` can't place a call to `user@telegram.org`. But

they're more interested in a "winner-takes-all" mentality rather than a collaborative effort which uplifts everyone.



Oh well.



 Footnotes 

01. Well, OK, maybe a *little* bit. [↩](#) [↩](#)



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2 thoughts on “SIP on Android - Sipgate and Linphone”



▶ [Bernard Marx](#) says:

[2023-04-07 13:52](#)

[@Edent](#) Linphone was recently intermittently wiping out my configuration which was a pain to set up again every time. Maybe they fixed it, but I switched to <https://www.sipnetic.com/> which has been solid and easier setup.

If you are in the US, voip.ms is cheap but has KYC and requires some time investment to setup. Jmp.chat is much easier and a little more expensive at \$3/month per number. Other option are here: <https://kycnot.me/services#SMS>

[Sipnetic | SIP Client for Android](#)

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✉ [Nader](#) says:

[2023-04-08 01:48](#)

I think Google also removed SIP simply because it was too technical for the average Joe. Expecting normal Android users to understand STUN, different codecs or TCP vs UDP could be asking too much. Plus, like you mentioned, using an app probably works just as well in most cases and many are already doing that.

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2023		
January 31 posts	February 28 posts	March 31 posts
April 30 posts	May 27 posts	June
July	August	September

2022		
January 30 posts	February 23 posts	March 15 posts
April 19 posts	May 19 posts	June 19 posts
July 19 posts	August 18 posts	September 12 posts

October	November	December
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<u>October</u> 8 posts	<u>November</u> 30 posts	<u>December</u> 31 posts
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2021		
<u>January</u> 31 posts	<u>February</u> 28 posts	<u>March</u> 31 posts
<u>April</u> 30 posts	<u>May</u> 31 posts	<u>June</u> 30 posts
<u>July</u> 31 posts	<u>August</u> 31 posts	<u>September</u> 30 posts
<u>October</u> 31 posts	<u>November</u> 30 posts	<u>December</u> 31 posts

2020		
<u>January</u> 31 posts	<u>February</u> 29 posts	<u>March</u> 31 posts
<u>April</u> 30 posts	<u>May</u> 31 posts	<u>June</u> 30 posts
<u>July</u> 31 posts	<u>August</u> 31 posts	<u>September</u> 30 posts
<u>October</u> 31 posts	<u>November</u> 30 posts	<u>December</u> 31 posts

2019		
<u>January</u> 31 posts	<u>February</u> 12 posts	<u>March</u> 17 posts
<u>April</u> 12 posts	<u>May</u> 12 posts	<u>June</u> 10 posts
<u>July</u> 7 posts	<u>August</u> 5 posts	<u>September</u> 6 posts
<u>October</u> 14 posts	<u>November</u> 30 posts	<u>December</u> 17 posts

2018		
<u>January</u> 8 posts	<u>February</u> 4 posts	<u>March</u> 6 posts
<u>April</u> 14 posts	<u>May</u> 5 posts	<u>June</u> 6 posts
<u>July</u> 6 posts	<u>August</u> 13 posts	<u>September</u> 14 posts
<u>October</u> 8 posts	<u>November</u> 30 posts	<u>December</u> 4 posts

2017		
<u>January</u> 12 posts	<u>February</u> 9 posts	<u>March</u> 8 posts
<u>April</u> 4 posts	<u>May</u> 10 posts	<u>June</u> 5 posts
<u>July</u> 5 posts	<u>August</u> 6 posts	<u>September</u> 3 posts

2016		
<u>January</u> 10 posts	<u>February</u> 10 posts	<u>March</u> 11 posts
<u>April</u> 9 posts	<u>May</u> 8 posts	<u>June</u> 9 posts
<u>July</u> 6 posts	<u>August</u> 9 posts	<u>September</u> 4 posts

<u>October</u> 4 posts	<u>November</u> 30 posts	<u>December</u>
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<u>October</u> 2 posts	<u>November</u> 30 posts	<u>December</u> 14 posts
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2015		
<u>January</u> 8 posts	<u>February</u> 11 posts	<u>March</u> 10 posts
<u>April</u> 4 posts	<u>May</u> 9 posts	<u>June</u> 3 posts
<u>July</u> 7 posts	<u>August</u> 9 posts	<u>September</u> 10 posts
<u>October</u> 2 posts	<u>November</u> 30 posts	<u>December</u> 4 posts

2014		
<u>January</u> 13 posts	<u>February</u> 13 posts	<u>March</u> 15 posts
<u>April</u> 14 posts	<u>May</u> 8 posts	<u>June</u> 7 posts
<u>July</u> 9 posts	<u>August</u> 5 posts	<u>September</u> 5 posts
<u>October</u> 1 post	<u>November</u> 30 posts	<u>December</u> 20 posts

2013		
<u>January</u> 25 posts	<u>February</u> 17 posts	<u>March</u> 15 posts
<u>April</u> 18 posts	<u>May</u> 11 posts	<u>June</u> 14 posts
<u>July</u> 6 posts	<u>August</u> 14 posts	<u>September</u> 6 posts
<u>October</u> 4 posts	<u>November</u> 30 posts	<u>December</u> 14 posts

2012		
<u>January</u> 14 posts	<u>February</u> 8 posts	<u>March</u> 13 posts
<u>April</u> 15 posts	<u>May</u> 10 posts	<u>June</u> 16 posts
<u>July</u> 8 posts	<u>August</u> 8 posts	<u>September</u> 6 posts
<u>October</u> 6 posts	<u>November</u> 30 posts	<u>December</u> 31 posts

2011		
<u>January</u> 13 posts	<u>February</u> 11 posts	<u>March</u> 11 posts
<u>April</u> 12 posts	<u>May</u> 8 posts	<u>June</u> 8 posts
<u>July</u> 6 posts	<u>August</u> 5 posts	<u>September</u> 11 posts

2010		
<u>January</u> 6 posts	<u>February</u> 15 posts	<u>March</u> 12 posts
<u>April</u> 13 posts	<u>May</u> 4 posts	<u>June</u> 3 posts
<u>July</u> 15 posts	<u>August</u> 8 posts	<u>September</u> 11 posts

<u>October</u> 7 posts	<u>November</u> 30 posts	<u>December</u> 17 posts
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<u>October</u> 9 posts	<u>November</u> 30 posts	<u>December</u> 9 posts
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2009		
<u>January</u> 1 post	<u>February</u> 5 posts	<u>March</u> 3 posts
<u>April</u> 7 posts	<u>May</u> 12 posts	<u>June</u> 8 posts
<u>July</u> 10 posts	<u>August</u> 10 posts	<u>September</u> 12 posts
<u>October</u> 22 posts	<u>November</u> 31 posts	<u>December</u> 15 posts

2008		
<u>January</u> 2 posts	February	<u>March</u> 2 posts
<u>April</u> 3 posts	<u>May</u> 2 posts	June
<u>July</u> 1 post	<u>August</u> 3 posts	<u>September</u> 1 post
<u>October</u> 3 posts	<u>November</u> 2 posts	<u>December</u> 1 post

2007		
January	February	March
April	May	June
July	August	September
October	<u>November</u> 4 posts	<u>December</u> 5 posts

2006		
January	February	March
<u>April</u> 1 post	May	June
July	August	September
October	<u>November</u> 1 post	December

2005		
January	February	<u>March</u> 1 post
April	May	June
July	August	<u>September</u> 1 post

2004		
January	February	March
April	<u>May</u> 5 posts	<u>June</u> 3 posts
<u>July</u> 1 post	August	September

October	November	December
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October	November	December
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2003		
January	February	March 2 posts
April	May	June
July	August	September
October	November	December

2002		
January	February 1 post	March
April 3 posts	May	June
July	August	September
October	November	December

2001		
January	February	March
April	May	June
July 1 post	August	September
October 1 post	November	December

2000		
January	February	March 1 post
April	May	June
July	August	September
October	November 1 post	December

1999		
January	February	March
April	May	June
July	August	September 1 post

1997		
January 1 post	February	March
April	May	June
July	August	September

October	November	December 1 post
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October	November	December
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1995		
January	February	March 1 post
April	May	June
July	August	September
October	November	December

1987		
January	February	March
April	May	June
July	August	September
October	November	December 1 post

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