



INTRODUCTION TO TWILIO

BY SAIMA NASIM



What is Twilio

Twilio is a company that provides tools and services for communication over the internet.

It offers developers a platform to integrate features like phone calls, text messaging, and video calls into their applications and websites.

In simple terms, Twilio helps businesses and developers build and manage communication features in their software easily.



How to use Twilio

Step 1: Create Account (Signup) on Twilio:

▼ Account Info

Account SID

ACbe8af23ecfdbde4c01ebc0aeb62e14ca

Auth Token

.....

Show

⚠

Always store your token securely to protect your account. [Learn more](#)

Once signed up and verified, it will provide Account SID and Auth token that you can use for your API Call



How to use Twilio

Step 2: Setup the account and create a Twilio Phone Number:

1

Get a number

2

Try out SMS

3

Check out docs

4


Invite and upgrade

Step 1: Get a Twilio phone number


To get started sending or receiving SMS messages with Twilio, you will need a virtual phone number. This trial phone number will allow you to build and prototype while routing voice calls or text messaging to any phone or application workflow.

Your trial includes one US 10DLC phone number


- 10DLC phone numbers support two-way SMS for conversational messaging, alerts & notifications, and one-time-passwords (OTP).
- Continue to build and engage with customers at scale by upgrading your 10DLC trial number to higher throughput starting at 10 messages per second (MPS) when sending to non-US/Canada countries and 1 MPS for US/Canada.
- To send messages to recipients in the United States (verified or unverified numbers), you must complete [A2P 10DLC registration](#) and [upgrade your account](#).

 **Congratulations! You've got a Twilio phone number!**


+12568040480



↑ ↓



↑ ↓



This number will be used for SMS, Call, etc.



How to use Twilio

Step 3: Verify and ensure that the newly created number is flagged as Active :

Develop Monitor

Phone Numbers

Manage

Active numbers

Released numbers

Buy a number

Verified Caller IDs

Twiml apps

Port & Host

Regulatory Compliance

Alphanumeric

Docs and Support

Inventory Filters

Number

Configuration Filters

Messaging URL

Filter

Reset filters

Number	Friendly Name	Capabilities				Active Configuration	
		Voice	SMS	MMS	Fax		
+1 256 804 0480 ▲	(256) 804-0480	📞	💬	💬	📠	Voice	Webhook to POST: https://demo.twilio.com/welcome/voice/
Hazel Green, AL, US						Messaging	Webhook to POST: https://demo.twilio.com/welcome/sms/reply/

← Previous

Next →

* Can send/receive calls to domestic numbers only
† Can send/receive sms to domestic numbers only
‡ This number does NOT support SIP Trunking
▲ Can make emergency calls.
(national) A non-geographic number
(beta) This number is new to the Twilio Platform
(hosted) This number is hosted on the Twilio Platform

This number will be used for SMS, Call, etc.



How to use Twilio

Step 4: Add and verify caller ID that you want to use to receive SMS or Calls:

Verified Caller IDs Add a new Caller ID

Verify a number that you own to use it as a caller ID or as the 'To' number for outbound calls/messages from the Sandbox Number. The phone numbers you buy from Twilio, or port to Twilio, can always be used as caller IDs. [Learn more about Verified Caller IDs](#)

Number: Friendly Name: Filter Clear filter

Number	Friendly Name	Actions
+9 [redacted]	[redacted]	Remove

This number will be set as To Number during testing



How to use Twilio

Step 5: test the communication, Add to number and from number as shown below:

Console
Saima Trial: \$15.50 Upgrade

Develop Monitor

Phone Numbers

- Manage
- Port & Host
- Regulatory Compliance
- Alphanumeric Sender IDs

Messaging

- Overview
- Try it out
- Send an SMS

Docs and Support

Sender (Your message)

From

Phone Number

You can use a phone number or a messaging service to send your message

From phone number

+12568040480

Trial accounts can only purchase 1 Twilio phone number. To remove the limitation, [upgrade your account](#)

Step 2: Sending messages

Option 1: Send message from CLI or App

To send messages from your CLI or App, switch to API View, supply a message body, and copy the request.

201 - CREATED - The request was successful. We created a new resource and the response contains the representation.

```
{
  "account_sid": "ACbe8af23ecfdbde4c01ebc0aeb62e14ca",
  "api_version": "2010-04-01",
  "body": "Sent from your Twilio trial account - Hi",
  "date_created": "Sat, 30 Mar 2024 21:04:01 +0000",
  "date_sent": null,
  "date_updated": "Sat, 30 Mar 2024 21:04:01 +0000",
  "direction": "outbound-api",
  "error_code": null,
  "error_message": null,
  "from": "+12568040480",
  "messaging_service_sid": null,
  "num_media": "0",
  "num_segments": "1",
  "price": null,
  "price_unit": "USD",
  "sid": "SMea99d91b38afc23e0e78af199073ce8e",
  "status": "queued",
  "subresource_uris": {
    "media": "/2010-04-01/Accounts/ACbe8af23ecfdbde4c01ebc0aeb62e14ca/Messages/SMea99d91b38afc23e0e78af199073ce8e/Media/"
  },
  "to": "+918349138879",
  "uri": "/2010-04-01/Accounts/ACbe8af23ecfdbde4c01ebc0aeb62e14ca/Messages/SMea99d91b38afc23e0e78af199073ce8e"
}
```

Once the data is provided and sent, it will call the API and will start sending the SMS

THANK YOU