Secure introspected tunnels to localhost

<https://ngrok.com/product>

Expose local servers behind NATs and firewalls to the public internet over secure tunnels.

Save time and be more productive. Show off in-progress work for feedback and build webhook integrations with ease. Use ngrok's unique request inspection and replay to iterate quickly.

#### **Free Plan**

For quick demos and other simple tunneling needs.

* HTTP/TCP tunnels on random URLs/ports
* 1 online ngrok process
* 4 tunnels per ngrok process
* 40 connections / minute

Under limited testing it appears to be slow, but it works (mostly).

Limited test:

SSH - connects, gives a publickey error (unknown)

HTTP port 8000 using the mkdocs server, was able to connect and view the mkdocs work.

(Local port is 8000, external port was/is 80)

test host forwarding with a Arduino/ESP8266 .

Wemos D1 mini running “Hello Server” port 80

ngrok HTTP 10.11.0.46:80 appears to be working. This seemed to work much faster, then again it wasn’t rendering the site on the fly and it’s only one line site “hello from esp8266”

OTHER Services that may provide the same type of service

<https://pagekite.net/>

The fast, reliable way to make localhost part of the Web.

PageKite makes local websites or SSH servers publicly accessible in mere seconds, and works with any computer and any Internet connection.

It's also 100% [Open Source](https://pagekite.net/wiki/OpenSource/).

**pagekite.py** gives your servers public DNS names and connects them to the clouds …

<https://localtunnel.github.io/www/>

Localtunnel allows you to easily share a web service on your local development machine without messing with DNS and firewall settings.

Localtunnel will assign you a unique publicly accessible url that will proxy all requests to your locally running webserver.