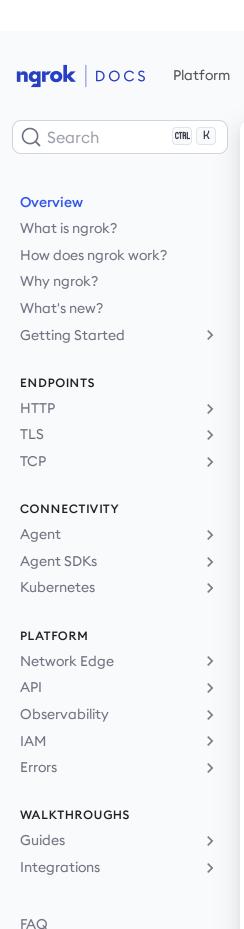
Use cases



♠ > Overview

Resources

Blog

Overview

ngrok is your app's front door. ngrok is a globally distributed reverse proxy that secures, protects and accelerates your applications and network services, no matter where you run them. ngrok supports delivering HTTP, TLS or TCP-based applications. More about how ngrok works →

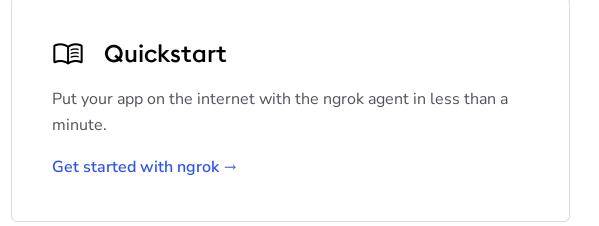
Pricing

Get ngrok

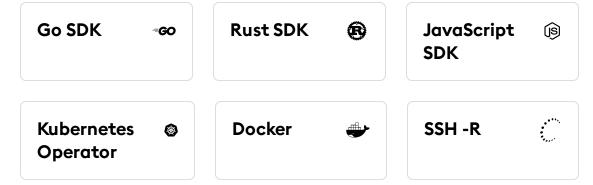
Docs

You can use ngrok in development for webhook testing or in production as an API Gateway, Kubernetes Ingress, or Identity-Aware Proxy. You can also run ngrok to easily create secure connectivity to APIs in your customers' networks or on your devices in the field. More about what you can do with $ngrok \rightarrow$

Get Started

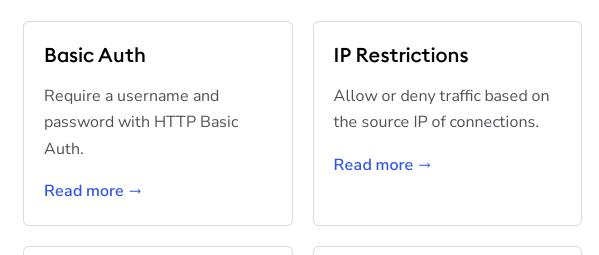


Or instead of the ngrok agent, get started another way:



Modules

Once ngrok is in front of your app, you can add authentication, acceleration, transformation, and other behaviors.



OAuth Webhook Verification

Sign Up

ON THIS PAGE

Get Started

Modules

Guides

Reference

Agent SDK Reference

Log in

-0-

Enforce an OAuth flow to well-known IdPs like Google.

Read more →

Verify HTTP requests are signed by a webhook provider like Slack or GitHub.

Read more →

Request Headers

Add or remove headers from HTTP requests before they are sent to your upstream service

Read more →

OpenID Connect

Enforce an OpenID Connect flow to a federated IdP.

Read more →

Mutual TLS

Enforce mutual TLS auth with a configured set of CAs.

Read more →

SAML

Enforce a SAML flow to a federated IdP, optionally authorizing users by group.

Read more →

User Agent Filter

Block bots and browsers with rules that allow or deny HTTP requests based on User-Agent header.

Read more →

Circuit Breaker

Protect upstream services by rejecting traffic when they become overwhelmed.

Read more \rightarrow

All Modules →

Reference

Agent CLI

Agent CLI commands and options

Read more →

Agent Config File

Options for ngrok.yml: the agent config file

Read more →

API Reference

HTTP API resources and methods for api.ngrok.com

Read more →

Events

All observable events and event payload shapes

Read more →

Header Template Variables

Errors

Codes for every unique error condition returned by ngrok

Variables you can template into request or response headers.

Read more →

Read more →

Agent SDK Reference

Go



ngrok-go package docs on pkg.go.dev

Read more →

Rust



ngrok-rust crate docs on docs.rs

Read more →

JavaScript / TypeScript



ngrok-javascript module docs

Read more →

Python

ngrok-python package docs

Read more →

All Agent SDKs →

Guides

Follow tutorials for common tasks when working with ngrok.

Inspect your traffic

View your app's traffic in real time with the ngrok agent's inspection interface

Read more →

Bring your own domain

Use ngrok with your own domain by setting up a DNS CNAME record

Read more →

All Guides →

Edit this page

Last updated on **Oct 31, 2024** by **Danielle Thomas**

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What is ngrok? →

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