Want cool ngrok swag? Take our user survey! ->

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok   Log in   Sign up

Your app's front door

All-in-one API gateway, Kubernetes Ingress, DDoS protection, firewall, and global load balancing as a service.

Sign up for free   Technical documentation →

Developer Roundtable: Solidify Your Infrastructure with Automation

We welcome Kerim Satirli, Senior Developer Advocate at HashiCorp, as we discuss running software on distributed architectures.

Register now →

Office Hours

Our DevEd and Product teams will be there to walk you through common solutions, answer your questions, and chat about your wished-for features.

office hours

Register now →

? Aide

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok

Log in   Sign up

whether they are running in the cloud, on-premises, or even in customer and partner networks.

Sign up for free



```
authtoken_from_env: true,
domain: "example.ngrok.dev",
policy: `
  {
    "inbound": [
      {
        "actions": [
          {
            "type": "rate-limit",
            "config": {
              "name": "30 requests per minute",
              "algorithm": "sliding_window",
              "capacity": 30,
              "rate": "60s",
              "bucket_key": [
                "conn.client_ip"
              ]
            }
          }
        ]
      }
    ]
  }
`
});
})();
process.stdin.resume();
```
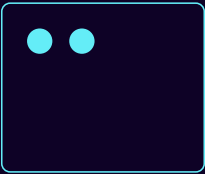
Site-to-site connectivity

Never ask customers to open ports on the firewall. Access apps and APIs securely in your customers' environments without site-to-site VPNs, VPC peering or other complex networking.

Learn more →
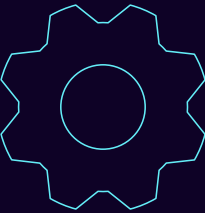
API Gateway

Go from code to global in just minutes with a developer-friendly, idiomatic solution for managing traffic to your APIs.

Learn more →

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok
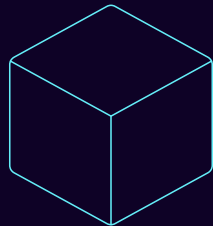
Log in   Sign up

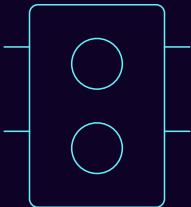networks. No need to struggle with custom protocols.

Learn more →

Kubernetes Operator

Simplify ingress with the Kubernetes Operator, using Ingress Controller or Gateway API, by offloading traffic management and security to ngrok's global network.
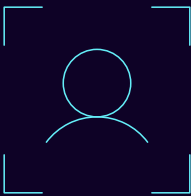
Learn more →

Global Load Balancer

Ensure high performance and availability by routing traffic to the nearest Point of Presence (PoP) with preconfigured global load balancer.

Learn more →

Identity-Aware Proxy

Protect your applications and APIs from unauthorized access without writing extra code.

Learn more →

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok

Log in   Sign up

ngrok for development

Bring secure connectivity to apps and APIs in localhost and dev/test environments with just one command or function call.

Sign up for free

Webhook Testing

Get a secure public URL for your local web server, then trigger webhooks. Inspect the traffic to your server and replay webhook requests to iterate quickly while staying in context.

Learn more →

Developer Preview

Demo a website or an app running on your local machine to a client or stakeholder instantly and securely, without deploying to a staging environment.

Learn more →

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok   Log in   Sign up

Pay only for what you use

Ditch high upfront costs and pay only for active endpoints and successful API calls. Scale your costs in line with your API traffic growth.

Get started for free

How it works

ngrok operates a global network where it accepts traffic to your upstream services from clients.

Clients connect to your endpoints (URLs). You configure policies such as authentication or transformation. Unlike traditional proxies, ngrok doesn't rely on IP forwarding. Instead, you run a lightweight agent that connects securely to ngrok's network. Traffic flows through this secure connection to your service.

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok   Log in   Sign up

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok

Log in   Sign up

With ngrok, we get comprehensive security with a full scope of functionality for all of our use cases.

Ihor Leshko, Director of Engineering at Databricks

Industry leaders rely on ngrok

twilio   okta   GitHub   databricks   Schneider Electric   tyler technologies   VERITAS   ZOOM   Microsoft

zendesk

Read customer stories →

Trusted and secure platform with massive scale

Working with ngrok means working with a vetted, secure solution.

View security practices →

Over 7 million
devs use ngrok

80% of the Cloud 100
companies use ngrok

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok   Log in   Sign up

100 trillion
total requests served

AI innovators
deliver AI/ML apps
with ngrok

Why ngrok?

Built for developers.

Unlock the power of SaaS. Built to deliver applications and APIs with zero networking configuration and zero hardware. Run your apps anywhere and bring them online in just one line.

No need to know anything about networking

No more ports, IPs, DNS, or firewall configurations. Just URLs and identities.

Learn more →

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok   Log in   Sign up

One command, seriously.

Learn more →

Offload your non functional requirements to our gateway

With flexible, idiomatic CEL-based traffic policy.

Learn more →

Observability out of the box

Live streaming logs of your traffic.

Learn more →

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok

Log in   Sign up

```
Python, Rust, Go, Java, and
JavaScript SDKs that you can
embed directly into your app and
APIs.
```

Learn more →

The ngrok platform

Zero Trust

Add SSO, Mutual TLS, IP Policy, and webhook signature verification.

Any protocol

Native support for HTTP, TLS, and any TCP based protocol.

Observability

Log all traffic and account activity.

Global Network

Deliver fast and reliable services powered by our Points of Presence.

Load balancing

Route traffic to multiple backends for scale and fault tolerance.

Authorization

Protect services with OAuth, SAML and OIDC.

Instant domains

Use a ngrok domain with no setup or bring your own domain.

Encryption

Automatic certificates and an A+ SSL report card with no config.

Want cool ngrok swag? Take our user survey! ->

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok

Log in   Sign up

Developer Roundtable: Gateway API

In this episode of our Developer Roundtable series, we highlight our updated ngrok Kubernetes Operator that now supports the Kubernetes Gateway API spec.

Watch the webinar

The latest from the ngrok blog

Flexible and expressive traffic orchestration: introducing internal endpoints

How we built the Traffic Policy module and its actions

Drop-in API gateway policy examples for manipulating headers

How nuanced rate limiting transforms your API and business

CliffsNotes your voicemails with WebSockets, Twilio, and OpenAI

How we built ngrok's data platform

Get the latest updates on ngrok products and features

View the blog →

Platform   Use Cases   Blog   Resources   Docs   Pricing   Get ngrok

Platform

Product

Use Cases

ngrok for development

Resources

Security

Get Started

Download

Company

About

Want cool ngrok swag? Take our user survey! ->

ngrok

Platform   Use cases   Blog   Resources   Docs   Pricing   Get ngrok   Log in   Sign up

Kubernetes Operator   Blog   Service Status   Careers

Global Load Balancer   Support   Terms of Service

Identity-Aware Proxy   Abuse   Privacy Policy

Webhook Testing   Privacy Preferences

Developer Preview   DPA

View all use cases

© 2024 ngrok, Inc.