



Enterprise Overview

Benefits and features of Cloudflare's
Enterprise plan

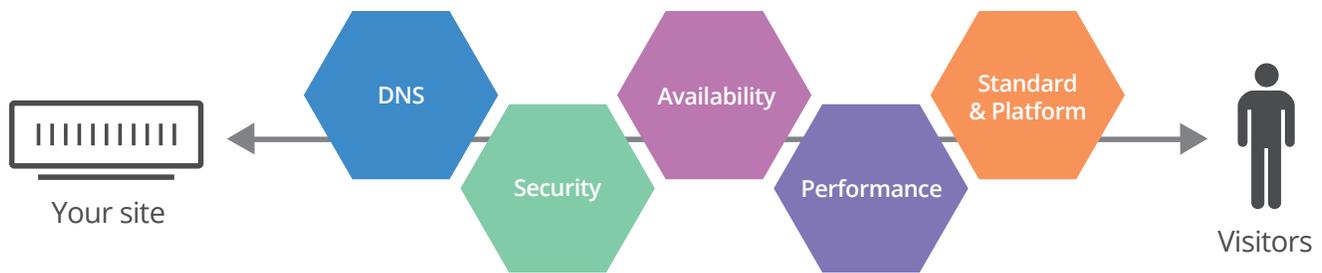
This paper summarizes the benefits and features of Cloudflare's Enterprise plan.

State of the Internet

Businesses have never relied more upon technology than they do today. Modern markets and customers expect their experiences when visiting websites, using apps, APIs or SaaS products to be performant, seamless, and reliable. Downtime is unacceptable, mobile is no longer a "nice to have" but a must, cyber security threats are increasing, and traffic is increasingly global.

To deal with the challenges of operating online, companies traditionally bought separate hardware boxes for performance, security, and reliability. This meant a high level of investment in capital expenses, maintenance, and upgrades for systems that couldn't scale with the needs of the modern Internet. Cloudflare does away with the need for these boxes by providing these benefits as a service, delivered at the network's edge. All without sacrificing performance for security.

Cloudflare provides performance, security, reliability, and insights for your Internet property, with a simple change in DNS. We have re-thought the entire technology stack through the network, hardware and software layers, building out a reverse proxy service on a highly-available global network. By offering this functionality as a service, we save you time, money and interruptions. Your visitors are safer and happier while you continue to benefit from our continued innovation and the transformative web experiences that our scale can drive.

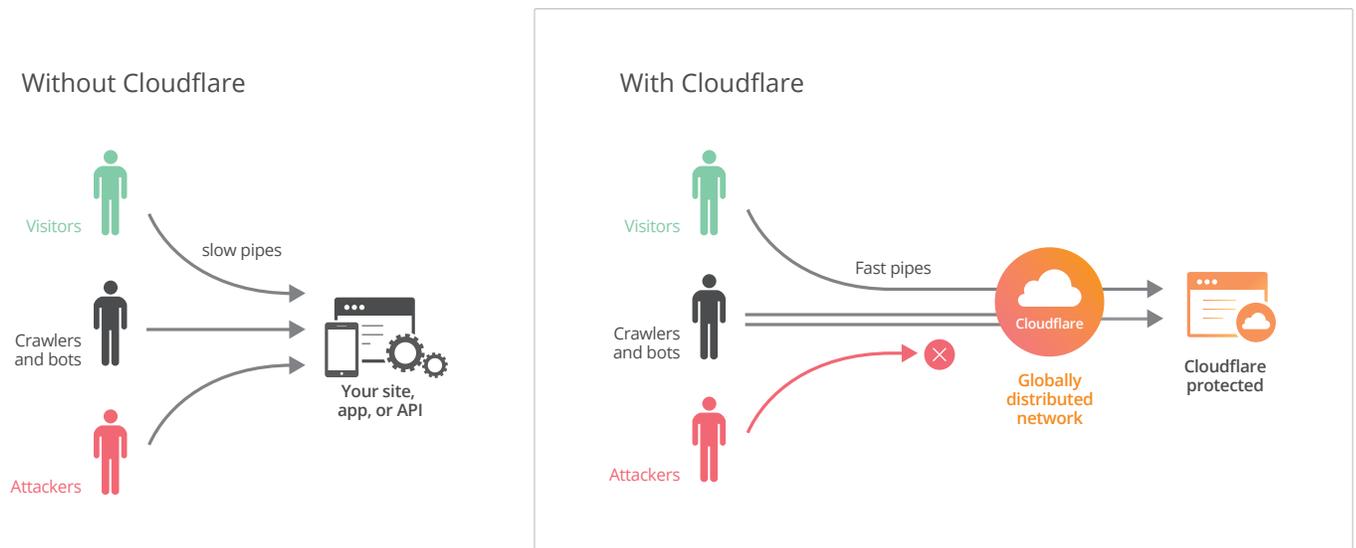


Cloudflare can handle a wide range of functions previously tackled by many different solutions.

At a glance

- 2.5 billion+ unique IPs
- 5.5 million websites and growing
- Global network serving billions of page views per day
- Diverse customer base including major consumer websites, government agencies, and enterprises

Benefits and features of Cloudflare



SECURITY

Cloudflare protects your web properties from Distributed Denial of Service (DDoS) attacks and other web threats before they hit your server. Cloudflare engineers have witnessed and mitigated some of the largest DDoS attacks in history including one attack the New York Times termed “the largest in history.”

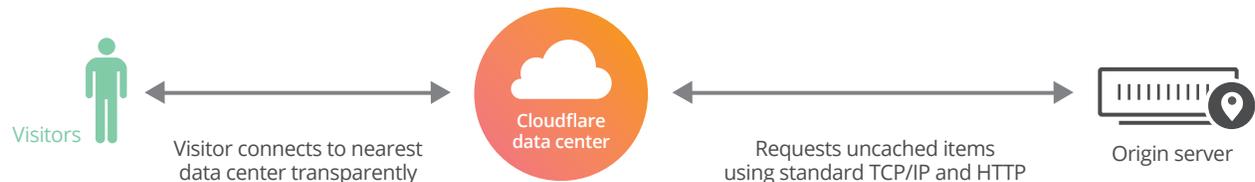
- **Advanced DDoS mitigation.** Provisioned as a service at the network edge, our service can mitigate DDoS attacks including those that target the UDP and ICMP protocols, SYN/ACK, DNS amplification and Layer 7 attacks.
- **Dynamic Web Application Firewall.** Our Web Application Firewall (WAF) runs the OWASP ModSecurity Core Rule Set and Cloudflare rule sets by default, protecting you against SQL injection, cross-site scripting (XSS) and application-specific attacks. Import or write your own rule sets or add ones developed by industry experts. New rules take effect in less than 30 seconds.
- **Rate Limiting.** Rate Limiting provides fine-grained control to block visitors with suspicious request rates, protecting against denial-of-service attacks, brute-force password attempts, and other types of abusive behavior targeting the application layer.
- **Modern SSL.** SSL adds an additional layer of security for your website. Cloudflare works with SSL-enabled sites and handles SSL termination without extra cost or hardware. Additionally, you can add your own SSL certificates or add new ones managed by Cloudflare.
- **Network effect.** With our network of over 5.5 million websites and dynamic reputation scoring on more than 2 billion IPs per month, we see attacks happen in real-time and can instantly deploy our learnings to protect every customer.
- **Analytics.** Cloudflare shows you the list of threats that have been stopped from reaching your website, such as search engine crawlers, bots and potentially malicious visitors.

PERFORMANCE

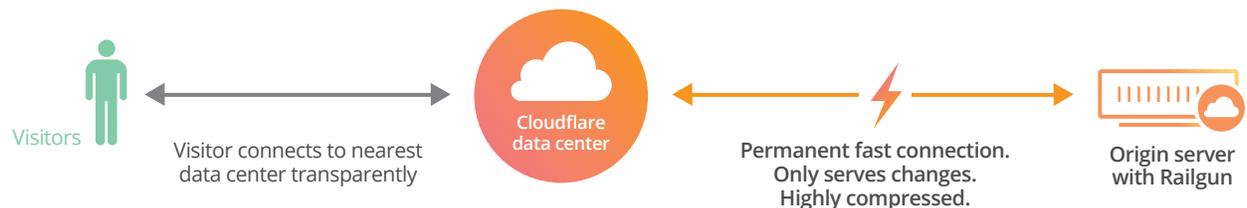
We cache static content, accelerate dynamic content and make it easy to optimize outbound content. Cloudflare goes beyond a traditional content delivery network (CDN) both locating your content closer to your site's visitors but optimizing it for their device, browser and bandwidth needs.

- **Static content caching.** Cloudflare's technology builds the cache for you based on your traffic and what objects on your site are safe to serve. Use Page Rules to customize on a page-by-page basis and single file purge when you need to refresh your content quickly.
- **Dynamic content acceleration — Railgun.** Railgun is a WAN optimization service that ensures the connection between your origin server and the Cloudflare network is lightning fast. It achieves up to a 99.6% compression ratio by only sending the differences between subsequent dynamic requests. No content markup, configuration or code changes required!

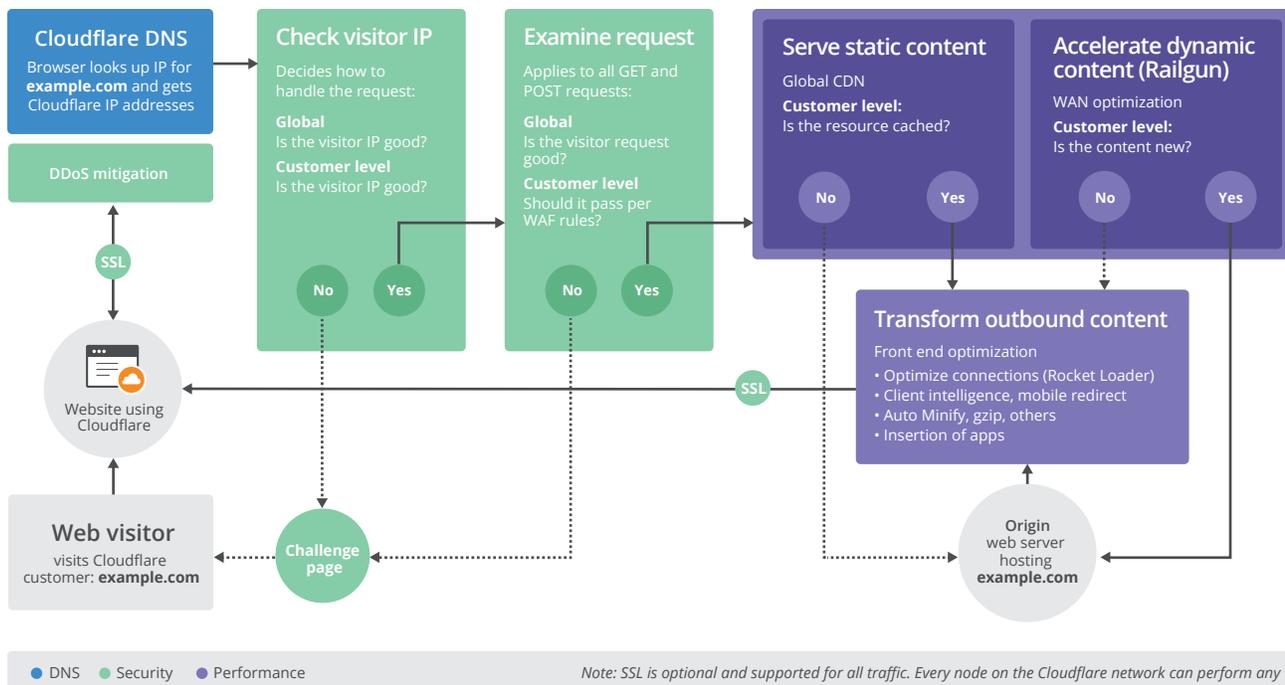
Without Railgun



With Railgun



- **Wide range of front-end optimizations.** Cloudflare customers can use our one-click features to perform a wide range of content optimizations from removing unnecessary characters from HTML, CSS, and JavaScript to reducing the number of connections needed to serve 3rd party widgets (e.g. Facebook, Twitter, ad servers, etc).
- **Client intelligence.** Cloudflare automatically detects the type of browser and connection a visitor is using and delivers your content the fastest way possible. Your pages look the same as they did before, including any mobile version, but they are optimized for the web visitors' desktop or mobile environment.
- **Reporting.** You'll be able to see the exact speed benefits and savings with your personalized Cloudflare analytics report.



RELIABILITY

Cloudflare’s global Anycast network powers our DNS service, resolving 60 billion DNS queries per day, and growing. More than 5.5 million websites, including major e-commerce sites, government agencies, and enterprises use Cloudflare DNS to make sure their website is online and always available to anyone in the world.

- **Built-in redundancy and disaster recovery at all layers.** There is no single point of failure, from datacenters to servers and network providers.
- **Load Balancing.** Load Balancing safeguards from service disruptions with local and global traffic load balancing, geographic routing, server health checks and failover ensuring the continuous availability of your critical resources.
- **Online safeguard.** With our Always Online feature, we keep a simple, static copy of your website up even if your servers are down.
- **100% uptime SLA.** Cloudflare’s Enterprise services are backed by a 100% uptime with 25x reimbursement SLA.

DNS

Authoritative DNS is included in the service. Powering 38% of managed DNS domains, our global DNS is fast, powerful and secure.

- **Global and growing.** Our DNS service powers 38% of the top 1 million Alexa websites¹. We use Anycast to direct DNS requests, automatically routing requests to the datacenter best located to serve it.
- **Fast.** Consistently ranked in the Top 3 fastest providers, on average we respond to requests in about .005 seconds. Updates take under a minute.

- **Powerful.** We don't set query limits and can support millions of records in a single account. You get wildcard support and custom name servers and can choose how to manage your DNS with APIs or using our easy, centralized management dashboard.
- **Secure.** Our DNS service can resist the largest DDoS attacks and common web threats. We automatically scan for potential attacks and can then determine the best course of response—from rate-limiting to blocking or filtering. If DNS is the phone book of the Internet, Cloudflare's DNSSEC is the unspoofable caller ID, ensuring that connections to websites aren't intercepted by any man-in-the-middle attacks.

PRICING AND SAVINGS

Predictable and affordable pricing. Cloudflare offers a wide range of security, performance and availability features for one simple, all-inclusive price. You decide which services you want to turn on or off.

- **No overages, no bandwidth charges ever.** Cloudflare's pricing provides customers with the peace of mind of a predictable and affordable monthly fee. We do not charge on bandwidth and you'll never be charged overages.
- **No set-up or integration expenses, no hidden fees.** There are no additional expenses beyond the subscription fee for the Cloudflare service. Setting up and maintaining Cloudflare can also be done without any professional services help.
- **Infrastructure and bandwidth savings.** There is no hardware or software to set-up, maintain or tune, plus you save bandwidth from all the bad traffic prevented from reaching your server.

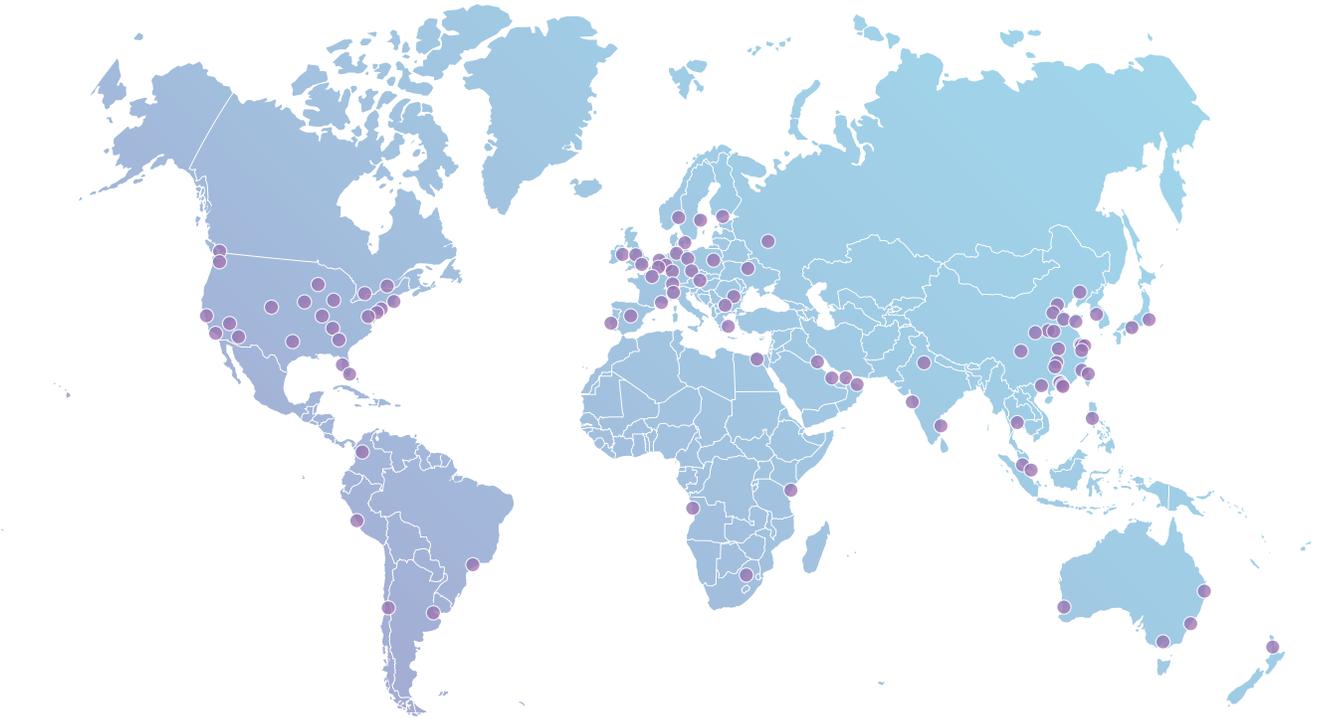
ENTERPRISE-CLASS SERVICE AND SUPPORT

Enterprise customers enjoy 24x7 support, dedicated account management and access to Cloudflare's team of experts.

- **24x7x365 support.** Cloudflare's enterprise service includes 24/7/365 phone and email support, and access to a shared ticketing system.
- **Dedicated account management and customized set-up consultation.** Every Enterprise customer receives a dedicated account manager for onboarding and ongoing service management.
- **Escalation path including Cloudflare experts on your team.** Cloudflare's team of network, systems and security experts are on hand to diagnose and resolve your most serious issues.
- **Access to raw logs.** Enterprise customers have access to raw logs to conduct further data analysis of traffic.

Cloudflare's network

Cloudflare's network rivals that of the largest internet companies. We operate data centers around the world to help our make our customers' websites safer, faster and smarter. We've built the network from the ground up, incorporating technologies that ensure it can withstand the largest DDoS attacks, traffic spikes and other challenges that come from running a website in today's world.



Network map current as of October 2016. Visit www.cloudflare.com/network for our most up-to-date map.

Our services are delivered in the cloud so there is no software or hardware to install or manage. Our team takes pride in being a smart, reliable and trusted partner to our customers.

To learn more about Cloudflare, please contact us.

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