



CLOUDFLARE®

WordPress Meetup

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What is CloudFlare?

CloudFlare makes websites faster, safer and smarter using our distributed network to deliver essential services to any website:



- Performance
- Content Optimization
- Security
- Analytics
- Third party services
- Monetization

How does CloudFlare Work?

CloudFlare works at the network level.

- Once a website is part of the CloudFlare community, its web traffic is routed through CloudFlare's global network of 23 (and growing) data centers.
- At each edge node CloudFlare manages DNS, caching, bot filtering, web content optimization, and third party app installations.



CloudFlare Integration

CloudFlare handles your site's DNS records
Signing up takes about three minutes

geekatlas.com DNS Settings

A, AAAA and CNAME records can have their traffic routed through the CloudFlare system. Click the cloud next to each record to toggle CloudFlare on or off. Add more records using the form at the bottom.

 **On CloudFlare**
Traffic will be accelerated by CloudFlare

 **Off CloudFlare**
Traffic will bypass CloudFlare's network

geekatlas.com ▾

Your Nameservers

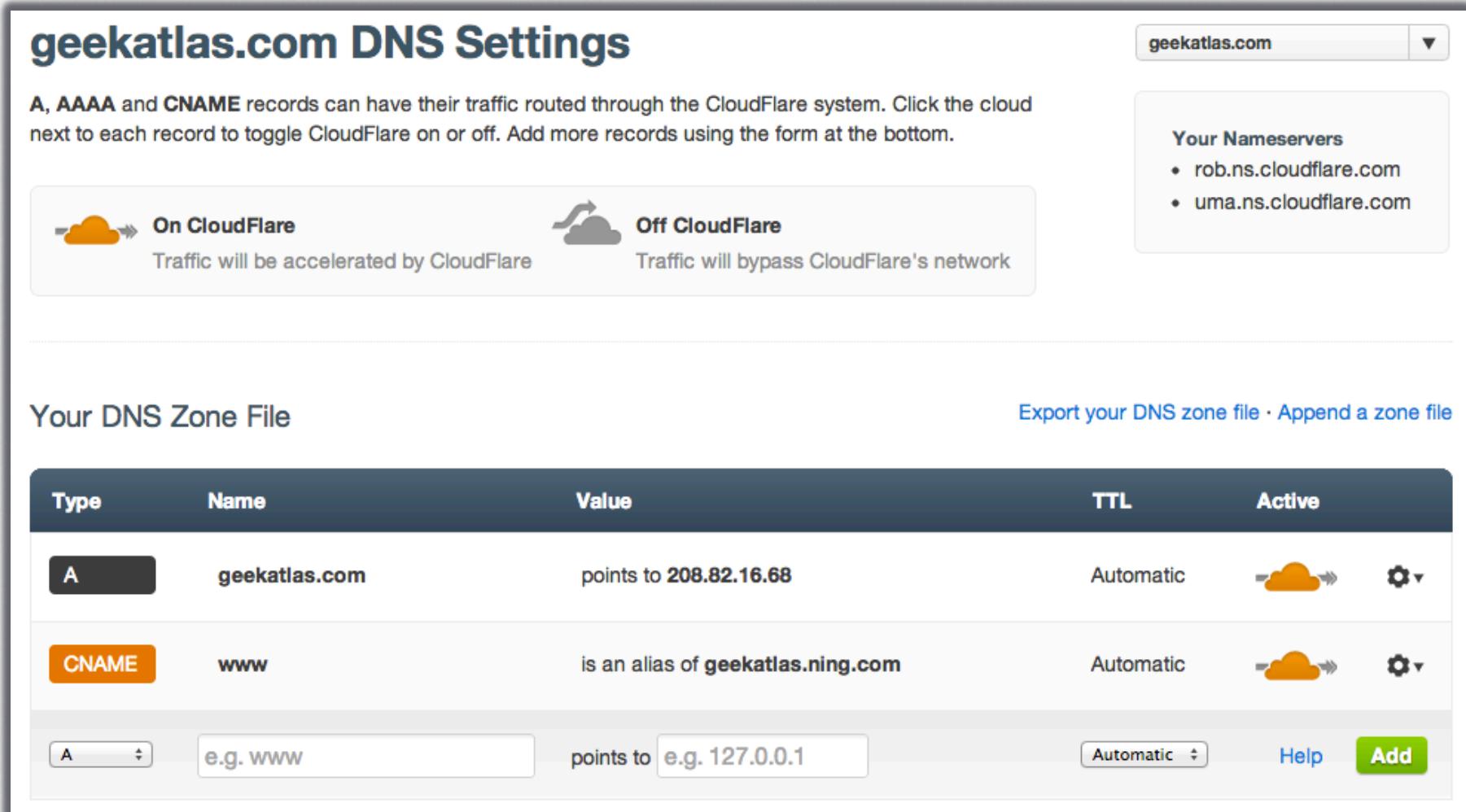
- rob.ns.cloudflare.com
- uma.ns.cloudflare.com

Your DNS Zone File

Export your DNS zone file · Append a zone file

Type	Name	Value	TTL	Active
A	geekatlas.com	points to 208.82.16.68	Automatic	 
CNAME	www	is an alias of geekatlas.ning.com	Automatic	 

A e.g. www points to e.g. 127.0.0.1 Automatic Help Add



Global Reach

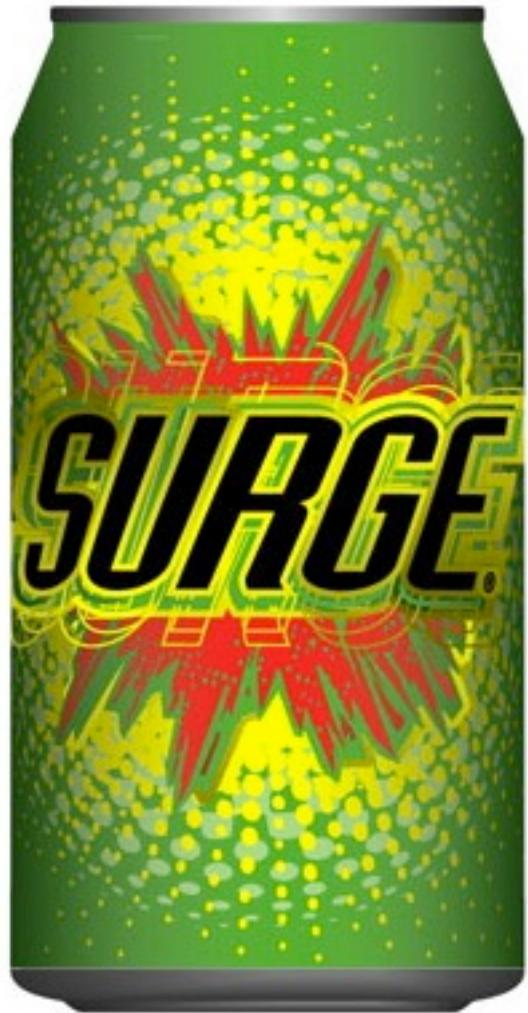
CloudFlare's network is “AnyCast”

Visitors go to the physically nearest data center

The distance between your server and visitors irrelevant



Surge Protector



Protect your web site against sudden traffic peaks

CloudFlare's data centers handle some of the biggest sites on the net (e.g. 4chan.org)

CloudFlare automatically caches your content

Always Online



We crawl your web site and keep a static copy just in case

If your server goes down we can serve from the crawler cache

A screenshot of a web browser window. The address bar shows the URL: www.tabletmag.com/jewish-news-and-politics/107779/jonah-lehrers-deceptions. Below the address bar, there is a green button with the text "Retry for a live version". To the right of the button, a message is displayed: "This page (<http://www.tabletmag.com/jewish-news-and-politics/107779/jonah-lehrers-deceptions>) is currently offline. However, because the site uses CloudFlare's Always Online™ technology you can continue to surf a snapshot of the site. We will keep checking in the background and, as soon as the site comes back, you will automatically be served the live version. Always Online™ is powered by [CloudFlare](#) | [Hide this Alert](#)".

Auto-Minify



Auto-minify JavaScript, HTML and CSS without touching your site

Typically results in an additional 10% size decrease even after gzipping

Particularly useful for WordPress where HTML can be heavy with lots of plugins



Rocket Loader



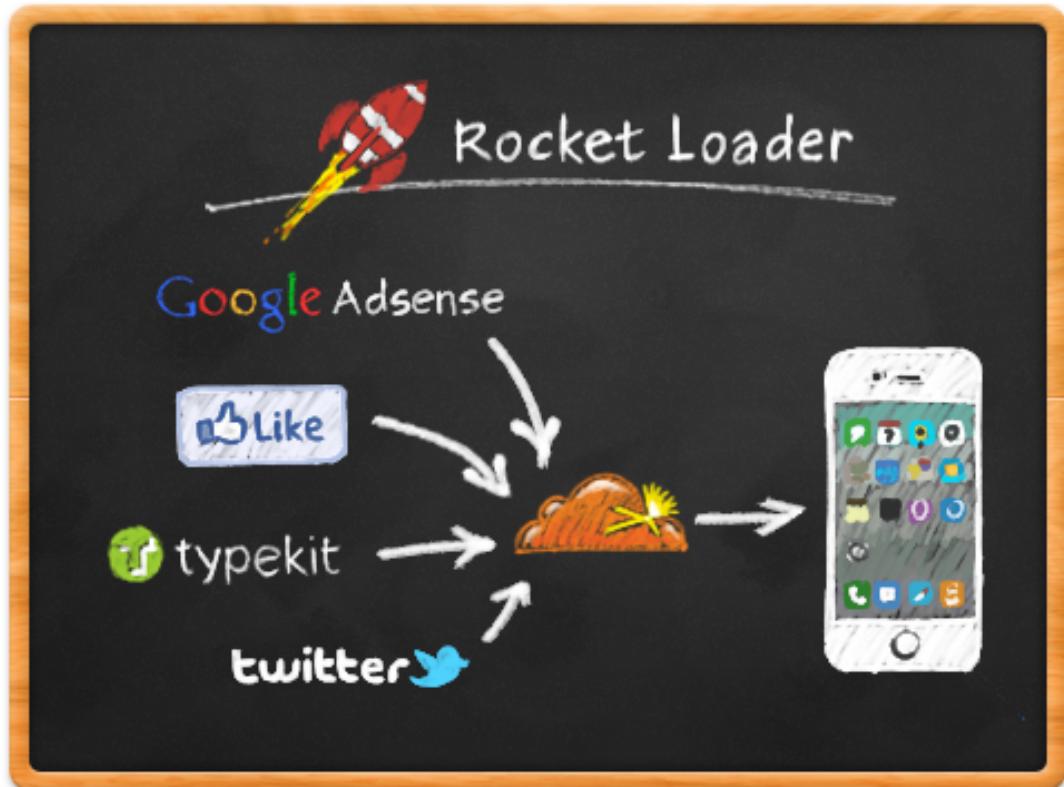
Automatically optimizes your pages to minimize the number of network connections and ensure even third party resources won't slow down page rendering.

Asynchronous resource loading

- Optimizes HTML so that it renders as quickly as possible and without the need to wait for slow scripts like widgets or advertising.

JavaScript bundling

- Combines multiple JavaScript files into a single request to avoid the overhead of multiple network requests.



Website Security



CloudFlare provides a broad security layer to websites:

Visitor reputation score



CloudFlare uses threat data from a variety of sources to build a reputation score for every visitor online. You set the desired security setting for your site and then CloudFlare's network stops the threats before they ever reach your website.

Automatic learning of new attacks



CloudFlare's technology automatically detects new attacks that arise against any website on our network. Once CloudFlare identifies a new attack, it starts to block the attack for both the particular website and the entire community.

Crowd-sourced security



Leveraging the collective intelligence of its community to get smarter, CloudFlare's network learns from every new attack to protect all sites that use the service. This means that as CloudFlare continually learns, every site, regardless of size, contributes to make the system smarter.

Web Application Firewall



CloudFlare's Web Application Firewall offers real-time security, preventing automated attacks, SQL injection, XSS attacks and a host of other real-time POST actions. No hardware or software required.

IPv6 Gateway



With the Internet's explosive growth and the number of on-net devices closing in on IPv4's maximum capacity, CloudFlare now offers an automatic IPv6 gateway seamlessly bridging the IPv4 and IPv6 networks.

- For most businesses, upgrading to the IPv6 protocol is costly and time consuming.
- CloudFlare's solution requires NO hardware, software, or other infrastructure changes by the site owner or hosting provider.
- Enabled via the flip of a switch on the site owner's CloudFlare dashboard.
- Users can choose two options: (FULL) which will enable IPv6 on all subdomains that are CloudFlare Enabled, or (SAFE) which will automatically create specific IPv6-only subdomains (e.g. www.ipv6.yoursite.com).



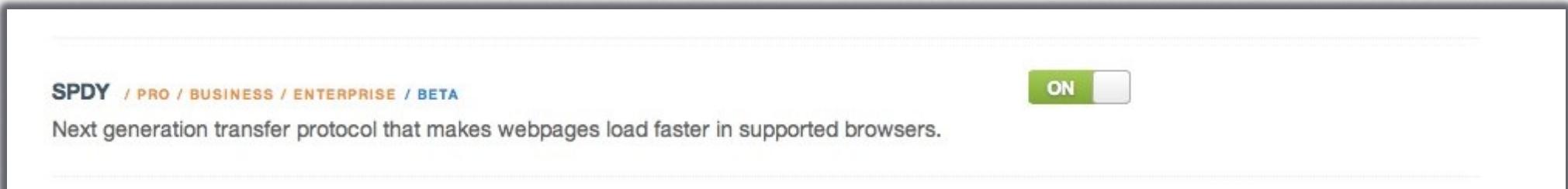
SPDY

PAID

Latest and fastest protocol used to speedup HTTP

Widely supported by browsers

One click to enable in CloudFlare even if your site doesn't support it



Easy SSL

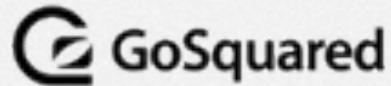
PAID

SSL in the cloud has never been easier or less expensive

- Wildcard SSL certs issued in minutes, with no upload or additional steps
- Included in every paid plan



One Click Apps



Google Analytics

[Learn More](#) | [Terms of Service](#)

CloudFlare can ensure Google Analytics is installed on all your pages (even error pages).

Automatic Setup

We can fetch your tracking ID if your domain is already setup with Google Analytics

[Start >](#)

Manual Setup

Enter the Google Analytics UA code for this domain below:

e.g., UA-12345678-9

Social tracking

[Submit >](#)

Help! I've gone viral



Add new rule
Enter the pattern you want to match and choose the rules you want to apply.

URL pattern

Forwarding OFF

Custom caching Cache everything

Edge cache expire TTL 8 hours

Browser cache expire TTL 2 hours

Always Online Default

Apps All CloudFlare apps On

Performance Auto Minify, Rocket Loader and Pre-loader On

Rocket Loader Default

CloudFlare Wordpress Plugin



Get the IP address of the visitor

Report spammers automatically to CloudFlare



<http://wordpress.org/extend/plugins/cloudflare/>

CloudFlare and W3TC



CloudFlare can be controlled from within W3TC since v0.9.2

Network Performance & Security powered by CloudFlare

CloudFlare protects and accelerates websites. [Sign up now for free](#) to get started, or if you have an account simply log in to obtain your API key from the [Account Page](#) to enter it below. Contact the CloudFlare [support team](#) with any questions.

CloudFlare: Enable

CloudFlare Account Email:

API key: ([find it here](#))

Zone:

Cache purge: [Purge cache](#)

Security level:

Development mode:

[Save changes](#)



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Thank you