



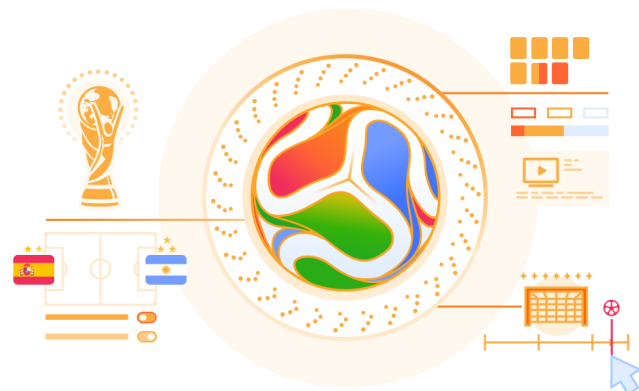
Cloudflare Blog

Technical deep dives, product updates, and insights from the teams that are helping to build a better Internet.

JULY 21, 2026

How the 2026 World Cup affected Internet traffic

We analyzed global HTTP traffic to explore how kickoff times, streaming habits, and hydration breaks reshaped online activity worldwide. From late-night traffic surges to halftime browsing spikes, here is how the world connected during the global tournament.



Sabina Zejnilovic,
Francisco Contente, and
Lai Yi Ohlsen

JULY 20, 2026

JULY 17, 2026

Cloudflare Internal DNS is now generally available

Cloudflare Internal DNS brings authoritative and recursive DNS for private networks to the same global network and control plane that runs Cloudflare's Zero Trust, networking, and public DNS.



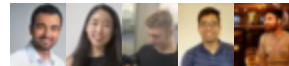
Enrique Somoza and
Hannes Gerhart

JULY 14, 2026

A broken DNSSEC rollover took down .al. Now 1.1.1.1 tells you when validation is bypassed

Cloudflare WAF protects WordPress applications from two high-severity vulnerabilities

Cloudflare has deployed two WAF rules in response to high-severity vulnerabilities disclosed to us by the WordPress security team. The new rules protect all Cloudflare customers using affected WordPress versions, but customers should still update immediately to a patched release



Daniele Molteni,
Ah-young Choi,
Georgie Yoxall,
Kuber Nandwani, and
Vikram Grover

JULY 13, 2026

Introducing Precursor: detecting agentic behavior with continuous client-side signals

When a failed DNSSEC key rollover took down the .nl TLD, we deployed a Negative Trust Anchor to restore resolution. This time, though, clients didn't have to take our word for it: 1.1.1.1 returned EDE 33, a new DNS error code that signals directly in the response that DNSSEC validation was bypassed.



Sebastiaan Neuteboom

JULY 10, 2026

Improving Smart Tiered Cache for Public Cloud Regions

Smart Tiered Cache allows for precise upper tier selection for origins hosted on AWS, GCP, Azure, and Oracle Cloud with customer-provided cloud region hints.



Chenxi Zhang

JULY 8, 2026

Precursor, our new continuous behavioral validation engine for bot management, offers visibility into how humans and bots actually interact across the full user journey. By turning session-level behavior into bot detection signals, it identifies advanced automation with higher precision — while reducing friction for legitimate users.



Marina Elmore and Benedikt Wolters

JULY 9, 2026

Why we cannot wait for better post-quantum signature algorithms

NIST is advancing nine new post-quantum signature algorithms as potential candidates for future standardization. We take a closer look at all of them, and argue that while they are in the works and show great potential, we should use ML-DSA for now — the best one currently available.

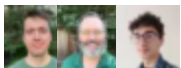


Bas Westerbaan and
Christopher Patton

JULY 7, 2026

Introducing Meerkat: an experiment in global consensus

Cloudflare Research is building a global consensus service called Meerkat that uses a new consensus algorithm called QuePaxa. We plan to use Meerkat to build a strongly consistent, fault-tolerant key-value store, and other applications.

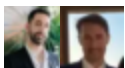


James Larisch, Bob Halley, and
João Pedro Leite

JULY 6, 2026

Your Worker can now have its own cache in front of it

We are launching Workers Cache, a regionally tiered cache that sits directly in front of your Worker entrypoints. Infinitely composable, configured via standard HTTP headers



Dan Lapid and Connor Harwood

JULY 1, 2026

Making AI search smarter

Cloudflare is now offering a new AI search

Cloudflare proudly joins the UK government's Cyber Resilience Pledge

The pledge is a voluntary framework inviting organizations to commit to foundational cyber security governance, board-level accountability, and supply chain rigor. For over a decade, Cloudflare has pioneered the core pillars of this framework: democratizing security, leadership accountability, and radical transparency.

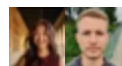


Ling Wu and Katie Visser

JULY 1, 2026

Unmasking the crawls with Attribution Business Insights

Cloudflare's new Attribution Business Insights dashboard helps website owners understand crawler behavior, appetite, and potential value, fueling business-level conversations around crawl compensation.



Jin-Hee Lee and Oliver Payne

JULY 1, 2026

Your site, your rules: new AI traffic options for all

Search is how we find nearly everything on the web — creators, merchants, answers. AI is rewriting the rules, leaving creators caught between staying discoverable in an agentic era and getting paid for their work. Today we're launching two initiatives to help.

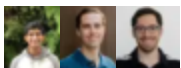


Matthew Conroy

JULY 1, 2026

Announcing the Monetization Gateway: charge for any resource behind Cloudflare via x402

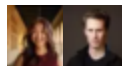
We're opening the waitlist for our Monetization Gateway, which will allow you to charge for any web page, dataset, API, or MCP tool behind Cloudflare. The charges will settle in stablecoins over the x402 open protocol, with no payments stack of your own to build.



Rohin Lohe, Justin Ridgely, and Will Papper

customers

For our second Content Independence Day, we're giving website owners finer options to manage AI traffic. Instead of a one-size-fits-all block, all customers can now easily distinguish and manage Search, Agent, and Training bots, alongside the new ability to protect ad-monetized pages.

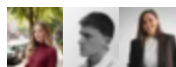


Jin-Hee Lee and Bryan Becker

JULY 1, 2026

Content Independence Day, one year on: building the business model for the agentic Internet

One year after declaring Content Independence Day, a dynamic market for monetized content has officially emerged. In this report, we examine how the rise of autonomous AI agents is upending traditional search referrals and detail the new infrastructure required to support a sustainable web economy.

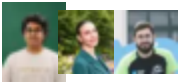


Arielle Weiss, Zach Albertson, and Emily Lanfear

JUNE 25, 2026

How we built saga rollbacks for Cloudflare Workflows

Cloudflare Workflows, our durable execution engine for multi-step applications, now supports saga-style rollbacks, allowing developers to specify a compensating action for each `step.do()`.

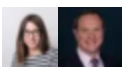


Vaishnav Kavitha, Mia Malden,
and André Venceslau

JUNE 23, 2026

The White House's post-quantum executive order is an important milestone. It's time to get to work

The new executive order sets a 2030 migration deadline and establishes a powerful foundation for post-quantum resilience. We look at what it gets right, where it can go further, and our migration playbook for government and industry.

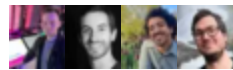


Sharon Goldberg and Vincent Voci

JUNE 24, 2026

Unlocking the Cloudflare app ecosystem with OAuth for all

Self-Managed OAuth is now available to all developers on Cloudflare. Here's how we executed a zero-downtime migration of our core OAuth engine to make it happen.

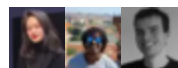


Sam Cabell,
Mike Escalante,
Adam Bouhmad, and
Nick Comer

JUNE 22, 2026

How we found a bug in the hyper HTTP library

By rearchitecting the Images binding, we accidentally uncovered a bug that existed in the open-source hyper library across multiple major versions.



Deanna Lam, Diretnan Domnan,
and Matt Lewis

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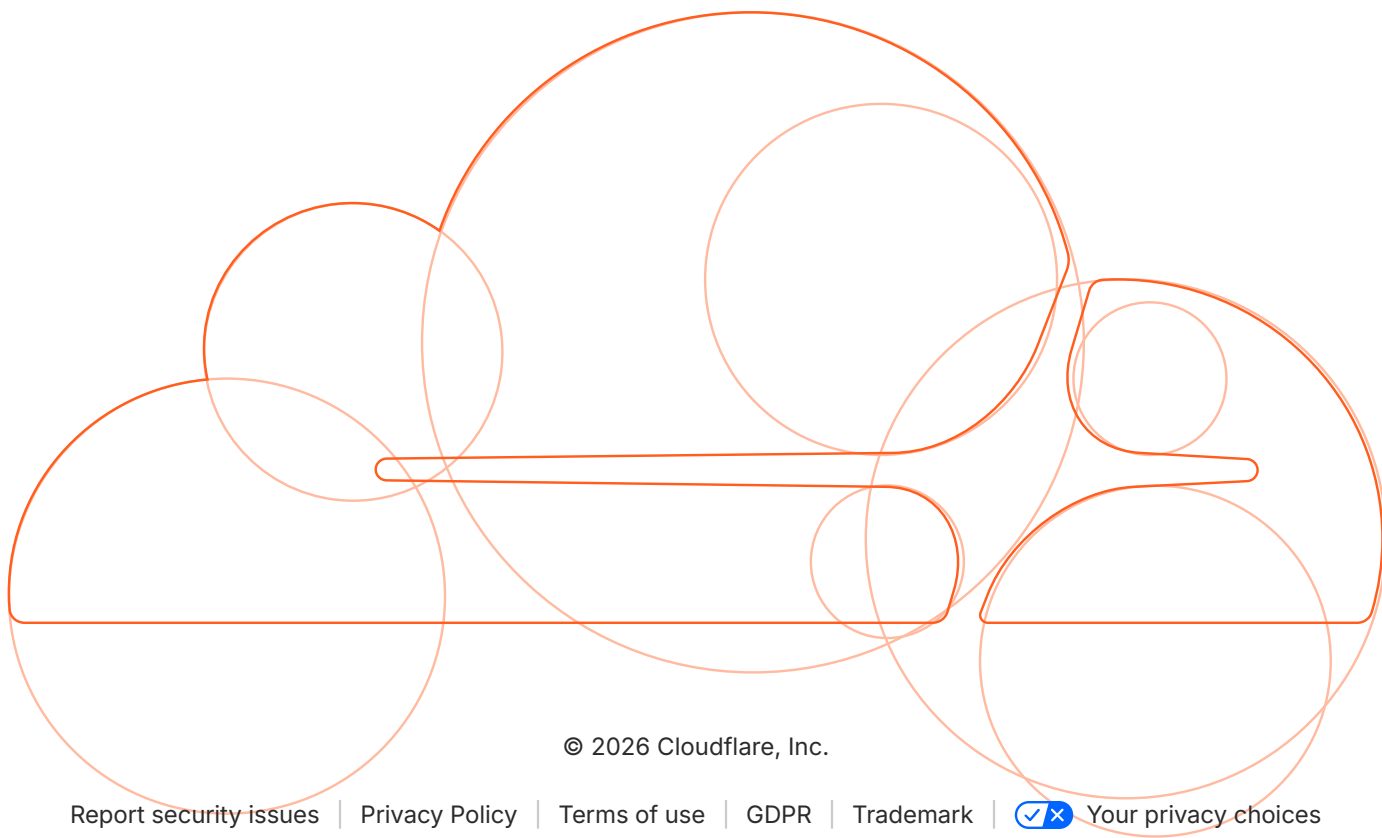
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