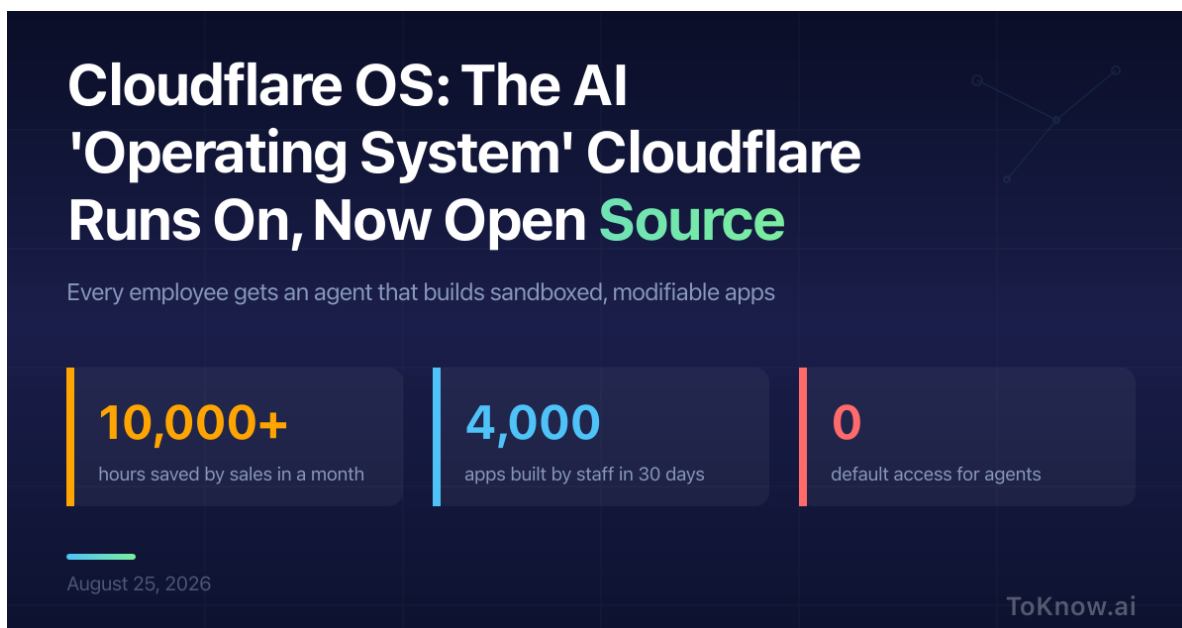


Cloudflare OS: The AI 'Operating System' Cloudflare Runs On, Now Open Source

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[Read at ToKnow.ai](#)



Cloudflare open-sourced Cloudflare OS on August 5, 2026, the AI workspace its own workforce uses every day. It calls the project an operating system, but for a company, not a computer: each employee gets an [agent workspace](#) grounded in curated company context and skills. Ask it to research a topic and it writes and runs code to filter data instead of pulling everything into the model's context window. Ask for a slide deck and it creates a private, sandboxed copy

of that app just for you, running in a [Dynamic Worker](#) with its own database. Because each app is sandboxed, you can safely ask the agent to add features. Cloudflare says thousands of staff use it daily; in one month its sales team saved more than 10,000 hours and users built over 4,000 apps.

The quiet innovation is the approval model. Human-in-the-loop usually means the agent stops and waits for each yes, which nudges people toward auto-approve. [Gatekeepers](#) instead simulate the side effect, let the agent keep working, and you approve or reject actions in bulk later. Agents start with access to nothing; you introduce them to specific resources, and the platform records what an agent has seen so a shared output cannot leak data the viewer could not access. It is [Apache-2.0](#), so any company can deploy its own copy and let non-technical staff build real tools without API keys.

When any employee can prompt an agent to build or change an app, the centralized model of software stops making sense; Cloudflare OS runs a private, modifiable instance of every app per user. It also treats agents as something traditional operating systems never managed, arguing they need capability-based security, not account permissions.

Read More: [Cloudflare's AI Playground makes testing models and MCP tools easy](#)

Sources:

- [Cloudflare OS: an open platform for agents, apps, and work \(Cloudflare Blog\)](#)
- [How we're rethinking work at Cloudflare with Cloudflare OS \(Cloudflare Blog\)](#)
- [cloudflare-os on GitHub](#)
- [Cloudflare OS \(os.cloudflare.app\)](#)
- [Cloudflare Announces Open-Source Cloudflare OS \(Phoronix\)](#)

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