SOLUTION BRIEF

Secure third-party access

Streamline internal access for contractors, partners, or employees on unmanaged devices, without installing any software

Simplify security for unmanaged devices

Browser-based access, with built-in data controls for web apps

VPN clients have traditionally provided connectivity from end user devices to a private network. Today, VPNs are too risky and clunky to use, but even modern Zero Trust Network Access (ZTNA) device clients may not be a good fit for third-party or temporary users:

- IT teams may be reluctant to deploy yet another software client, due to interoperability concerns, audit processes, or other logistics.
- Contractors may simply not allow external company software to be installed on their personal devices.

Cloudflare's clientless access approach accelerates onboarding for third parties and unmanaged devices, while providing Zero Trust access to internal resources through the browser:

- **Web applications:** Make access to self-hosted apps (on public hostnames) feel as easy as navigating to a website.
- **Infrastructure:** Deploy browser-based privileged access to servers through protocols like SSH, RDP, or VNC.

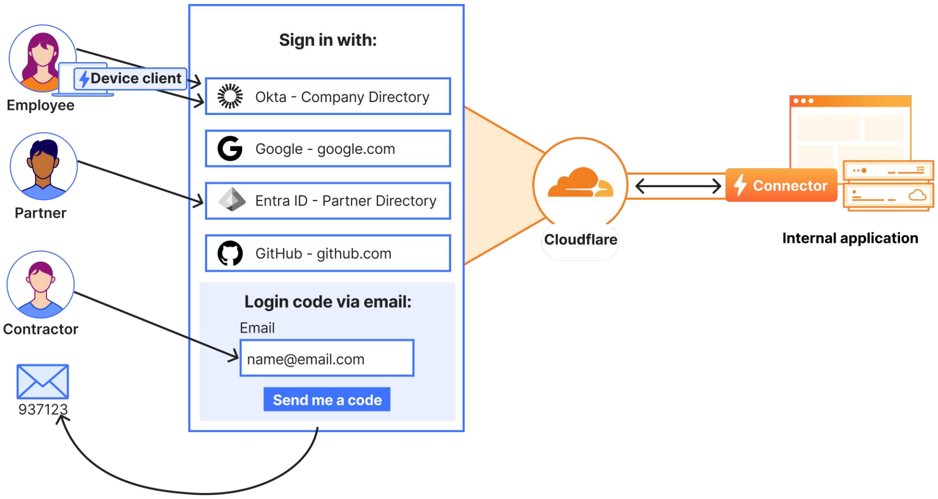


Figure 1: Multiple identity provider (IdP) options for third-party access facilitate flexible single sign-on (SSO) to internal resources protected by Cloudflare.

Avoid privilege creep

Protect critical resources and sensitive data by implementing least privilege access based on Zero Trust principles.

Onboard/offboard faster

Avoid setting up VPN access or shipping out corporate devices. Authenticate directly through the browser.

Streamline management

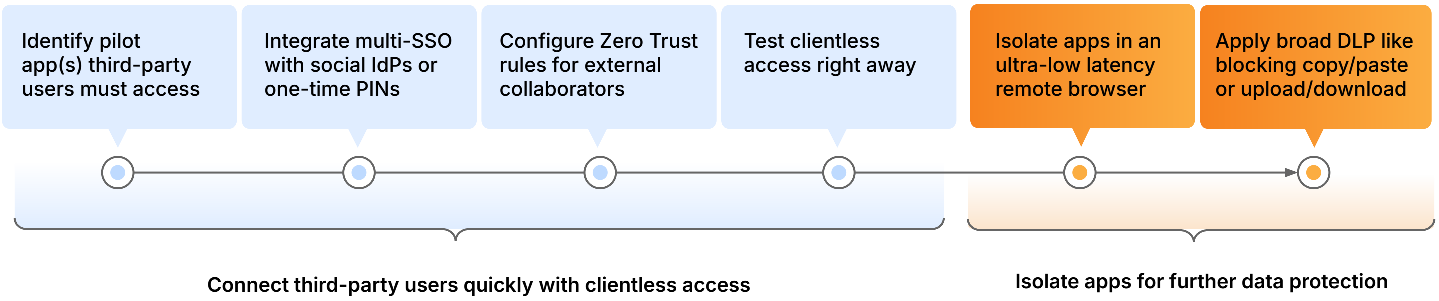
Cut the time and costs of access management. Avoid provisioning corporate identities or integrating custom identity providers.

How it works

- **Multiple identity sources** for single sign-on, including social providers and one-time PINs, enable flexible authentication options.
- **Granular access controls** facilitate least privilege access to limited, authorized resources to mitigate insider threat risks.
- **Lightning-fast browser isolation** enhances clientless access with built-in data controls, without disrupting users' workflows.
- **Data controls** like blocking uploads/downloads, copy/paste, and keyboard input help prevent data exfiltration risks.

Fast-track Zero Trust journey progress with clientless access

Many organizations roll out clientless access use cases toward the start of a larger architecture journey as a "quick win" to develop momentum for a longer VPN replacement project or security modernization initiative.


Identify pilot app(s) third-party users must access
Integrate multi-SSO with social IdPs or one-time PINs
Configure Zero Trust rules for external collaborators
Test clientless access right away
Isolate apps in an ultra-low latency remote browser
Apply broad DLP like blocking copy/paste or upload/download
Connect third-party users quickly with clientless access
Isolate apps for further data protection

Why Cloudflare for third-party access?

Unified public and private app security

Legacy solutions make it very difficult to apply traditional web security concepts to private apps. Make it simpler with Cloudflare, a leading reverse proxy provider for public-facing web properties (proxying ~20% of the web).

Together with our agile SASE platform, Cloudflare uniquely delivers performant browser-based security for both public and private resources. There is no additional overhead in implementation, management, ongoing updates, or routing.

Cloudflare accelerates user onboarding for administrators and makes private apps feel just like SaaS apps for end users — all through our fast, reliable connectivity cloud.

Quick and easy deployment

Cloudflare's ZTNA enables Canva to enforce context-aware security policies for every employees and third-party contractor. A clientless access approach fills in the gaps when issue a dedicated Canva laptop isn't possible, e.g., with contractors.

> "Rather than trusting someone just because they're on the network, we evaluate the user, their machine, and their context using Cloudflare to protect specific resources"
>
> **Michael Yates**
> Senior Engineering Manager
> Canva

Want to learn more? See our clientless access learning path, or request a complimentary workshop.