Replace your VPN with Cloudflare

Strengthen security and simplify operations with fast, reliable Zero Trust Network Access (ZTNA)

Why replace your VPN?

As organizations embrace hybrid work and cloud architectures, maintaining a VPN is a liability:

- **Too risky:** Constant vulnerabilities and overly permissive access open doors to attackers.
- **Too inefficient:** Manual operations and a backlog of tickets overburden infosec staff.
- **Too slow:** Clunky, latent, and unreliable user experiences hurt productivity.

Why now?

Delaying your VPN replacement project only costs your business and holds back growth:

- **Financial costs** like rising bandwidth and hardware expenses
- **Operational costs** like slower onboarding of users and delayed rollout of new apps
- **Security costs** of breaches, slow incident response, and loss of compliance certifications
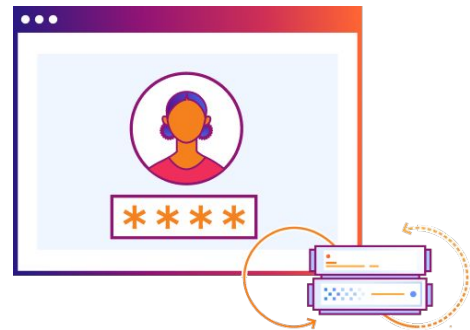
Modernize access with ZTNA

Simpler, faster, and more resilient than your VPN

Secure access between any user and app, on any device, in any location. Verify every request based on identity, device posture, and other context — no backhauling or on-prem appliances required.

- **Reduce risk:** Increase visibility and controls to prevent more incidents and respond faster.
- **Enable agility:** Streamline policy configuration, on/offboarding, and other IT operations as your workforce and app environments evolve.

Cloudflare helps tech-forward teams move faster to replace their VPN

Simple to set up and automate

Clientless access for web apps and in-browser SSH to start offloading traffic.

Centralize policy administration with granular, custom rules, plus intuitive APIs and Terraform provider to scale automation.

Seamless user experience

Make on-prem apps feel just like SaaS apps with smooth authentication.

Cloudflare's extensive global network ensures routing and enforcement are always local and fast.

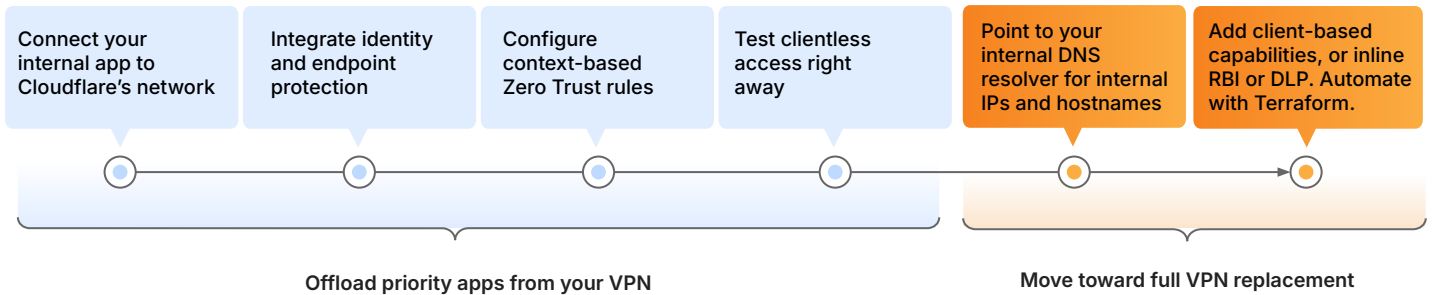### Resilient and scalable globally

Our Anycast architecture enables reliable end-to-end connectivity.

Every security service is built to run across each of our 330+ network locations, so you can scale deployment anywhere.

Example VPN replacement journey

Prioritize critical apps or risky users for a ZTNA pilot to start augmenting your VPN quickly. Configure granular Zero Trust rules, and deploy clientless access for web apps or in-browser SSH to expedite testing.

Enhance your ZTNA deployment over time to move gradually toward full VPN replacement. Start with clientless access for quick time to value, then add client-based capabilities like verifying device posture, infuse user risk scoring and Internet filtering, add inline remote browser isolation (RBI) and DLP, or automate with Terraform.

| Connect your internal app to Cloudflare's network | Integrate identity and endpoint protection | Configure context-based Zero Trust rules | Test clientless access right away | Point to your internal DNS resolver for internal IPs and hostnames | Add client-based capabilities, or inline RBI or DLP. Automate with Terraform. |

Offload priority apps from your VPN   **Move toward full VPN replacement**

Sample use cases to get started

- **Streamline contractor / 3rd party access** with clientless options, social IdPs, and more to enforce least privilege without shipping hardware.

- **Secure developer / privileged access** to critical infrastructure without performance tradeoffs.

- **Simplify ITOps for joiners, movers, & leavers** with multiple IdP support and automated on/offboarding. Avoid network mergers during M&A.

- **Enforce phish-resistant MFA** like FIDO2-compliant security keys for any resource — even internal IPs.

What customers are saying

Delivery Hero
E-commerce
[Read case study](#)

Replaced VPN for global hybrid workforce of **44k+ users**.

Started with clientless access to web apps.

creditas
Fintech
[Read case study](#)

Replaced VPN for developers & reduced app deployment time **by 90%** via simpler policy management.

EQT
Private equity
[Read case study](#)

Replaced VPN for **2k+ employees and contractors**.

Automated policy configuration via Terraform.

Gartner Peer Insights Customers' Choice 2024

Cloudflare is named a Customers' Choice in the **2024 [Gartner® Peer Insights™](#) Voice of the Customer:** Zero Trust Network Access*

Want to learn more? See our step-by-step [implementation guide](#), or [request a conversation](#).