CLOUDFLARE

SOLUTION BRIEF

Cloudflare for Defense

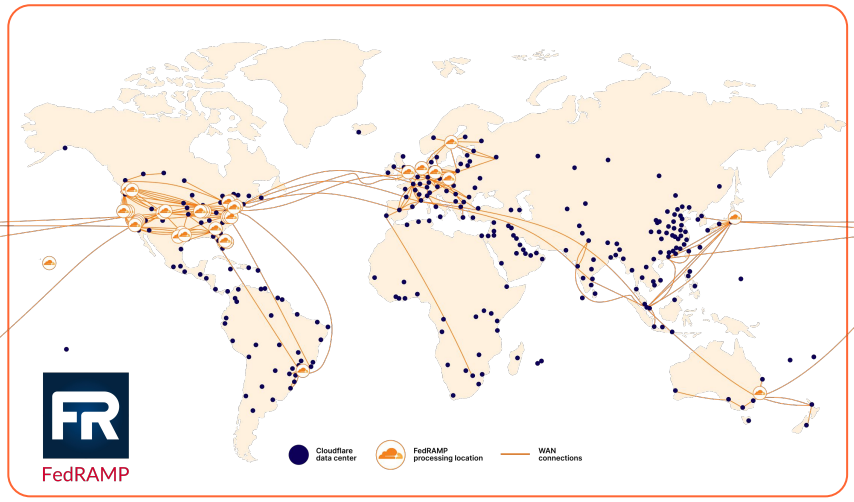
The connectivity cloud delivering the warfighter advantage

Cloudflare's global connectivity cloud advances Zero Trust architectures, enhances mission resilience, and accelerates defense innovation.

The Cloudflare advantage over any other approach

One global cloud network unlike any other

Only Cloudflare offers an intelligent, global cloud network built from the ground up for security, speed, and reliability.



>40
FedRAMP processing locations, including 8 OCONUS locations

335+
cities in 120+ countries, including 29 NATO countries

13,000+
networks directly connect to Cloudflare, including every major ISP, cloud provider, and enterprise

405 Tbps
global network edge capacity, consisting of transit connections, peering and private network interconnects

~50 ms
from 95% of the world's Internet-connected population

180+
AI inference locations powered by GPUs

Cloudflare **Application Services**

- WAF with API Protection
- Rate Limiting
- Load Balancing
- Bot Management
- L7 DDoS Protection
- CDN, DNS, SSL/TLS

Cloudflare **Zero Trust Services**

Cloudflare One (SASE)

- Zero Trust Network Access
- Secure Web Gateway
- Cloud Access Security Broker
- Remote Browser Isolation
- Data Loss Prevention

Cloudflare **Network Services**

Cloudflare One (SASE)

- WAN-as-a-Service
- Firewall-as-a-Service
- L3 & L4 DDoS Protection
- Network Interconnect
- IDS/IPS

Cloudflare **Developer Services**

- Workers (Serverless)
- Workers KV
- Durable Objects
- Stream (Live & Replay)
- Tiered Cache
- R2 Storage

all built on one platform

Cloudflare **Global Network**

- **Global Edge:** 650+ PoPs, 95% of population within 50 ms, 13,000+ interconnects, 405 Tbps capacity
- **Building Blocks:** SSL/TLS, mTLS, Authoritative/Recursive DNS, DNSSEC, DNS over HTTP, IPv6, Anycast Network

Multi-tiered defense

DDoS attacks at record levels of 22.2 Tbps and 10.6 billion packets per second

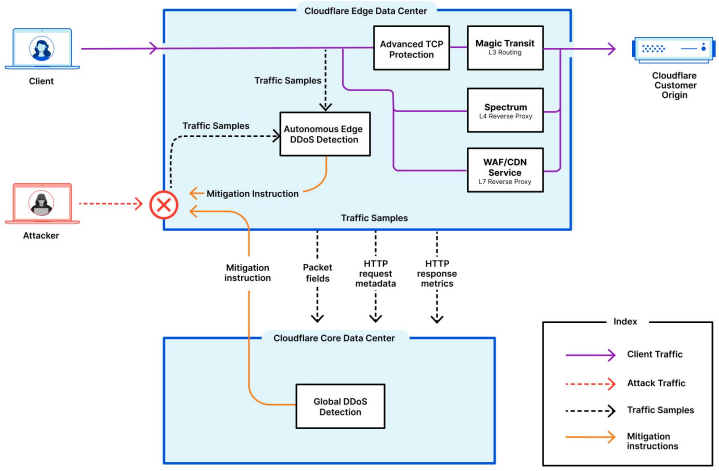
Autonomous Edge: ***Decentralized*** system, runs autonomously in each server in every Cloudflare data center around the world, analyzing traffic and applying local mitigation rules when needed.

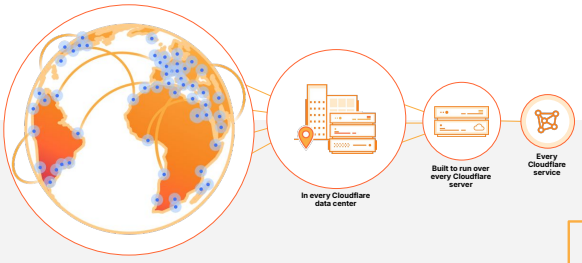
Coordinated Global Defense: ***Centralized*** system, runs in Cloudflare's core data centers; detects and mitigates globally distributed volumetric DDoS attacks.

Advanced TCP Protection: ***TCP state tracking*** machine, using only the ingress traffic that routes through Cloudflare, detects and mitigated sophisticated TCP attacks.

Behavioral DDoS Protection: ***Traffic profiling*** based on various dimensions to detect and mitigate deviations.

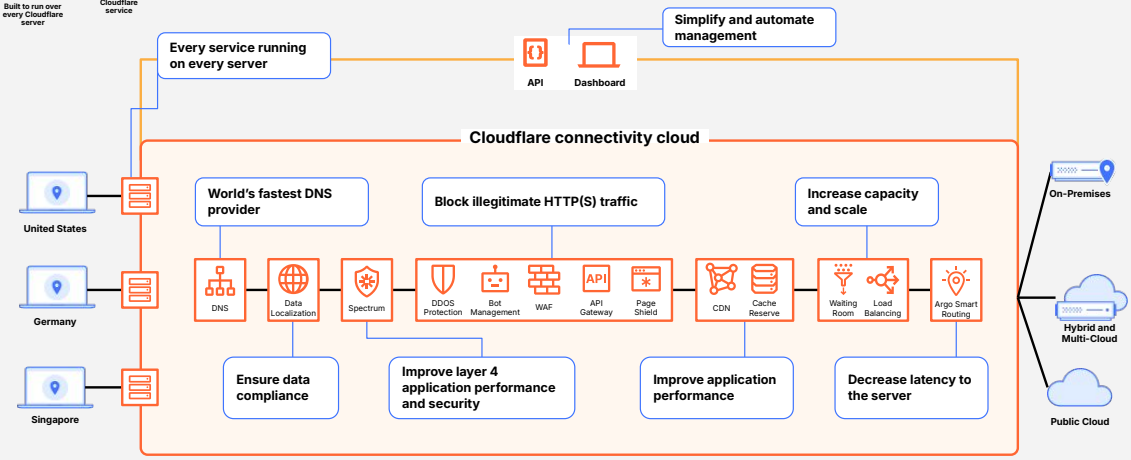
Magic Firewall: Granular ***rules-based filtering*** with IP lists, threat intel, geo-blocking, and more.

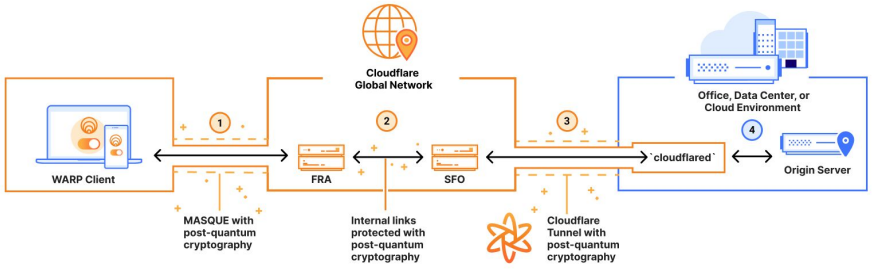




Security architecture

Each server in each data center runs every service, so that traffic is inspected in one pass and acted upon close to the end user.





Meet tomorrow's encryption imperatives today

- **Quantum-resistant encryption:** TLS 1.3 with ML-KEM protects websites against future quantum threats without configuration changes.
- **Post-quantum Zero Trust:** Secure employee access to internal applications with clientless and client-based quantum-safe solutions.
- **PQC web filtering:** Maintain visibility into encrypted traffic with Secure Web Gateway supporting post-quantum standards.
- **Simplified migration:** Eliminate complex cryptographic implementation while maintaining industry-leading security standards.

Are you ready to protect, connect, and accelerate your mission?

Contact us today at DoD@cloudflare.com.

1 888 99 FLARE | cloudflare.com/defense

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