Magic Firewall

Cloud-native network firewall for your enterprise networks and cloud infrastructure

Firewall-as-a-service for your entire network

Consistently enforce security policies globally without the overhead of managing appliances

Enforce consistent security policies across all branch offices, data centers, clouds, and end devices with advanced, scalable firewall-as-a-service (FWaaS) protection from Cloudflare Magic Firewall

All Cloudflare services, including Magic Firewall, are delivered from Cloudflare's vast global network to scale security with your business needs. Automatically filter unwanted traffic — no more hairpinning, security choke points, or appliance-related downtime.

No performance tradeoffs

Avoid backhauling traffic to a central data center to enforce security policies. Traffic always stays on the most optimal path, with security services delivered across Cloudflare data centers globally.

No more boxes

Stop wasting time managing individual physical or virtual firewall appliances. Your security policies are automatically deployed globally throughout the Cloudflare network edge in seconds.

Comprehensive security

The Cloudflare network detects and stops 227 billion cyber threats each day. One security platform powered by intelligent and programmable global network.

Magic Firewall Features	
Standard	**Advanced (add-on)**
• Filtering based on protocol, port, IP addresses, packet length, and bit field match • Single dashboard to manage firewall and network configuration • Traffic analytics available either via the dashboard or API • Included with Magic Transit and Magic WAN	• Seamless integration with Cloudflare One • Customizable IP lists • Managed threat intelligence IP lists (including Anonymizer, Botnet, Malware, Open Proxies, VPNs) • Geoblocking based on the user's country location • Intrusion Detection System (IDS)

Why Cloudflare?

Every data center, every service

Process traffic as close to the source as possible to reduce the workload on your firewalls

Single-pass, multi-layer protection

Cloudflare's global Anycast network detects real-time network issues and routes traffic on the most efficient network path to avoid congestion

Direct connection to Cloudflare

Bypass the public Internet and connect directly using Cloudflare Network Interconnect

Additional resources

- Webinar: 'A farewell to legacy firewall helpers: Getting the protection your network deserves'
- Reference Architecture: https://developers.cloudflare.com/reference-architecture/diagrams/network/protect-public-networks-with-cloudflare/