

Cloudflare vs Akamai

Cloudflare Founded **2009** focused on security
Akamai Founded **1998** focused on content delivery

SUMMARY

Cloudflare bring state-of-the-art security solutions like browser isolation to market

Akamai Akamai's solutions to incorporate a heavy focus on getting applications and content delivery traffic to customer endpoints

Cloudflare

Akamai

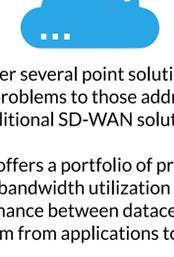
SD WAN

Cloudflare's portfolio of 'Magic' network-as-a-service products solves many of the same problems as SD-WAN Cloudflare has physical points-of-presence in



250 cities across **100 countries** and direct interconnection to

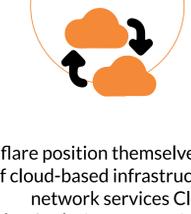
over **10,000 networks**



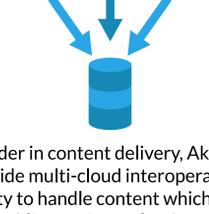
Akamai offer several point solutions to solve similar problems to those addressed by traditional SD-WAN solutions

Akamai offers a portfolio of products to optimize bandwidth utilization and traffic performance between datacenters or downstream from applications to customers

Cloud



Cloudflare position themselves as a provider of cloud-based infrastructure and L3-L7 network services Cloudflare offers multi-cloud solutions to provide connectivity, visibility, and consistent application of security policies for infrastructure that spans across multiple public cloud environments



As a leader in content delivery, Akamai need to provide multi-cloud interoperability and the ability to handle content which originates in any public or private cloud environment Akamai advertises these direct interconnects with AWS, Azure, and Google Cloud Platform

SASE Cybersecurity



Cloudflare's 'Cloudflare One' product is advertised as a complete SASE (secure access service edge) solution, which in their words **"provides consistent security and speed everywhere on earth"** Cloudflare One leverages technologies including SWG, CASB, and RBI from across their product portfolio to deliver a relatively complete SASE offering

Akamai does not claim to have a complete SASE offering, but they do advertise their Akamai Intelligent Edge Platform.



Akamai's portfolio lacks XDR/MDR as well as RBI - which Cloudflare only recently added to their portfolio

Remote Access

Cloudflare



Support for secure remote access is one of the primary problems that Cloudflare solves Cloudflare will broker secure remote access to integrated applications

Akamai



Akamai's Enterprise Application Access and Enterprise Threat Protector products are designed to provide secure remote access



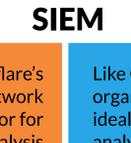
Akamai's Enterprise Application Access solution can enforce Akamai's own multifactor authentication policies or integrate with 3rd party multifactor authentication or identity providers



Akamai's Enterprise Threat Protector product is a secure web gateway that proxies and filters web traffic

Cloudflare

Akamai



SIEM

Cloudflare isn't a SIEM, but Cloudflare's position on an organization's network perimeter makes it an ideal log collector for SIEM ingestion and analysis

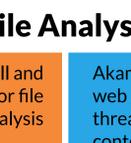
Like Cloudflare, Akamai's position within an organization's network infrastructure allows ideal access to useful log data for SIEM analysis



Endpoint Protection

Cloudflare isn't an endpoint security solution, but integration with endpoint security software can be complementary.

Akamai is not an endpoint security solution, although integration with endpoint security software could provide security benefits



File Analysis

Cloudflare's web application firewall and secure web gateway products allow for file analysis

Akamai's Enterprise Threat Protector secure web gateway can enable file analysis for threat detection or policy rules based on file contents



Cloud Workload Protection

Cloudflare's portfolio includes a cloud access security broker (CASB) as well as Cloudflare Access, which can provide context-aware and identity-aware zero-trust access

Although Akamai doesn't advertise its Enterprise Application Access product as a CASB, it solves similar problems by protecting cloud-based resources

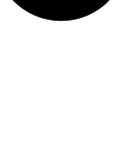


IT Vendor Risk Management Tools

Cloudflare isn't a vendor risk management tool, but its ability to provide zero-trust network access

Products such as Akamai Enterprise Application Access can help organizations enforce zero-trust network access policies when providing vendors with access

Insider Risk Management



Cloudflare

Cloudflare's solutions for zero-trust network access are designed to reduce insider risk by preventing insider threat activities

Akamai



Akamai's secure web gateway supports insider risk management activities and insider threat detection



Identity Governance and Access Management

Cloudflare

Cloudflare's identity governance and access management features are extensive, and they are designed for integration with a variety of enterprise identity and access management systems and tools

Akamai

Akamai's identity governance and access management features are also designed for use in the enterprise



IoT Security

Cloudflare

Cloudflare's web application firewall and their new API Shield product are ideal for securing IoT services that may need to secure automated API access from IoT devices

Akamai

Akamai's Intelligent Edge Platform can enable IoT security by facilitating a secure edge to which IoT devices distributed across the internet can securely connect

Security and Compliance

Cloudflare

Cloudflare advertises compliance with

ISO 27001

ISO 27701

SOC 2 Type 2

PCI DSS 3.2.1

BSI Qualification for DDoS Mitigation

Akamai

Akamai boasts a very mature compliance program and advertises compliance with

ISO 27001

ISO 27002

FedRAMP

PCI DSS

SOC 2 Type 2

NIST

Privacy Shield

MAS

PSD2

IRAP

local privacy laws