

Investor Day 2023

May 4, 2023

Safe Harbor

This presentation and the accompanying oral commentary have been prepared by Cloudflare, Inc. ("Cloudflare") for informational purposes only and not for any other purpose. Nothing contained in this presentation is, or should be construed as, a recommendation, promise, or representation by the presenter or Cloudflare or any officer, director, employee, agent, or advisor of Cloudflare. This presentation does not purport to be all-inclusive or to contain all of the information you may desire. Information provided in this presentation and the accompanying oral commentary speak only as of the date set forth on the cover page of this presentation.

This presentation and the accompanying oral commentary contain express and implied "forward-looking" statements within the meaning of the federal securities laws, and these statements involve substantial risks, assumptions, and uncertainties. All statements other than statements of historical fact could be deemed forward-looking, including, but not limited to, the current and planned development and functionality of our products, our ability to effectively sell our existing and new products, expectations of future operating results or financial performance, business strategy and plans, adverse macroeconomic conditions, such as inflation, changes in interest rates, actual or potential bank failures and recessionary concerns, the impact of the Russia-Ukraine conflict and other areas of geopolitical tension, and the resulting impact on our business, our customers, vendors and partners and the impact on global and regional economies, financial markets, and economic activity generally, market volatility, size and growth opportunities, the calculation of certain of our key financial and operating metrics, capital expenditures, plans for future operations, competitive position, technological capabilities, and strategic relationships, as well as assumptions relating to the foregoing. Forward-looking statements are inherently subject to risks and uncertainties, some of which cannot be predicted or quantified. In some cases, you can identify forward-looking statements by terminology such as "may," "will," "should," "could," "expect," "plan," "anticipate," "believe," "estimate," "predict," "intend," "potential," "would," "continue," "ongoing" or the negative of these terms or other comparable terminology. You should not put undue reliance on any forward-looking statements. Forward-looking statements should not be read as a guarantee of future performance or results will be achieved, if at all.

Actual results could differ materially from our current expectations as a result of many factors, including those identified in the "Risk Factors" section of our filings made with the Securities and Exchange Commission ("SEC"). You can locate these reports on our investor relations website (https://cloudflare.NET) or on the SEC website (www.sec.gov). If the risks or uncertainties ever materialize or the assumptions prove incorrect, our results may differ materially from those expressed or implied by such forward-looking statements. Forward-looking statements included in this presentation represent our views only as of the date of this presentation, and except as required by law, we assume no obligation and do not intend to update these forward-looking statements or to conform these statements to actual results or to changes in our expectations.

In addition to our results determined in accordance with generally accepted accounting principles ("GAAP"), this presentation includes certain non-GAAP financial measures. These non-GAAP financial measures are in addition to, and not as a substitute for or superior to measures of financial performance prepared in accordance with U.S. GAAP. There are a number of limitations related to the use of these non-GAAP financial measures versus their nearest GAAP equivalents. For example, other companies may calculate non-GAAP financial measures differently or may use other measures to evaluate their performance, all of which could reduce the usefulness of our non-GAAP financial measures as tools for comparison. See the appendix for a reconciliation of those measures to the most directly comparable GAAP measures.

This presentation and the accompanying oral commentary may contain statistical data, estimates, and forecasts that are based on independent industry publications or other publicly available information, as well as other information based on our internal sources. This information involves many assumptions and limitations, and you are cautioned not to give undue weight to these estimates. We have not independently verified the accuracy or completeness of the data contained in these industry publications and other publicly available information. Accordingly, we make no representations as to the accuracy or completeness of that data nor do we undertake to update such data after the date of this presentation.

By attending or receiving this presentation you acknowledge that you will be solely responsible for your own assessment of the market and our market position and products and that you will conduct your own analysis and be solely responsible for forming your own view of the potential future performance of our business and products.

The trademarks included herein are the property of the owners thereof and are used for reference purposes only. Such use should not be construed as an endorsement of the network and products of Cloudflare.





Welcome



Phil Winslow
Vice President of Strategic Fi

Vice President of Strategic Finance, Treasury, & Investor Relations



Agenda

10:15 am - 10:20 am	Welcome	Phil Winslow VP of Strategic Finance, Treasury, & Investor Relations
10:20 am - 10:35 am	Product: Application Services	Patrick Donahue VP of Product - Application Security
10:35 am - 10:50 am	Product: Network Services	Rustam Lalkaka VP of Product - Network Services
10:50 am - 11:05 am	Product: Zero Trust Services	Annika Garbers Senior Product Manager - Cloudflare One
11:05 am - 11:20 am	Product: Developer Services	Aly Cabral VP of Product - Workers
11:20 am - 11:40 am	Go-To-Market	Marc Boroditsky President of Revenue
11:40 am - 12:00 pm	Financials	Thomas Seifert Chief Financial Officer
12:00 pm - 12:45 pm	Q&A	Matthew Prince Co-founder and Chief Executive Officer Michelle Zatlyn Co-founder and Chief Operating Officer Thomas Seifert Chief Financial Officer





Product: Innovation is at the Heart of Cloudflare



Our Mission

We are helping build a better Internet.



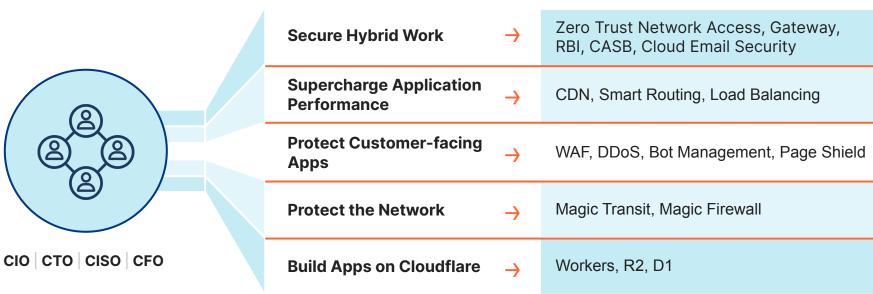


What We Do

— We help organizations of every size protect websites, people, and networks and build and accelerate applications... powered by one of the world's largest cloud networks

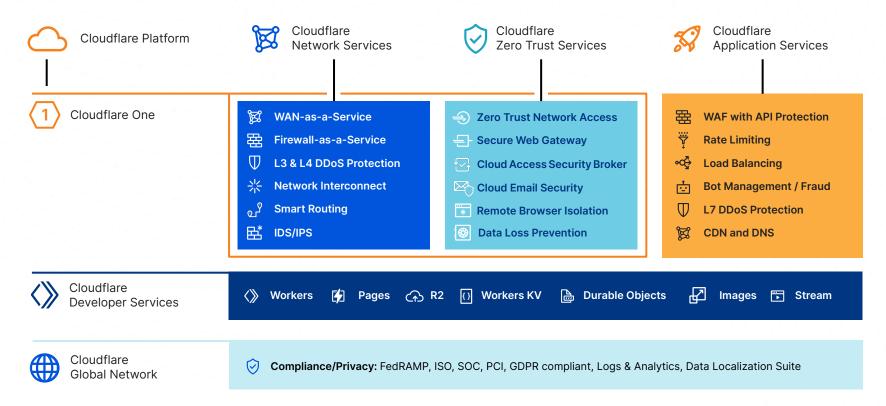
Cloudflare Services include:

Solution:



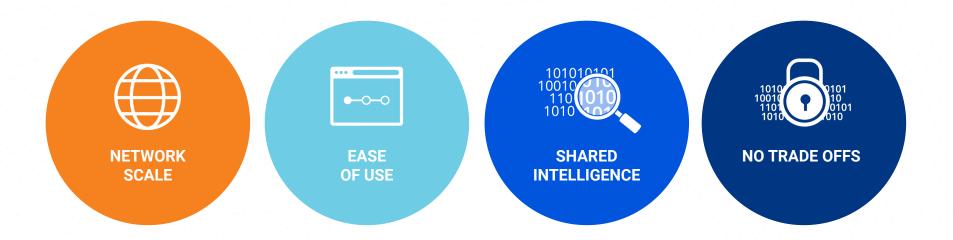


What We Offer





What Makes Us Different







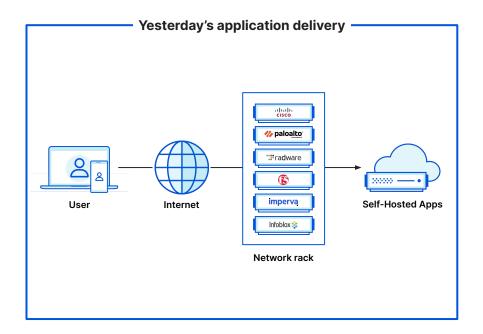
Act I: Application Services



Patrick Donahue

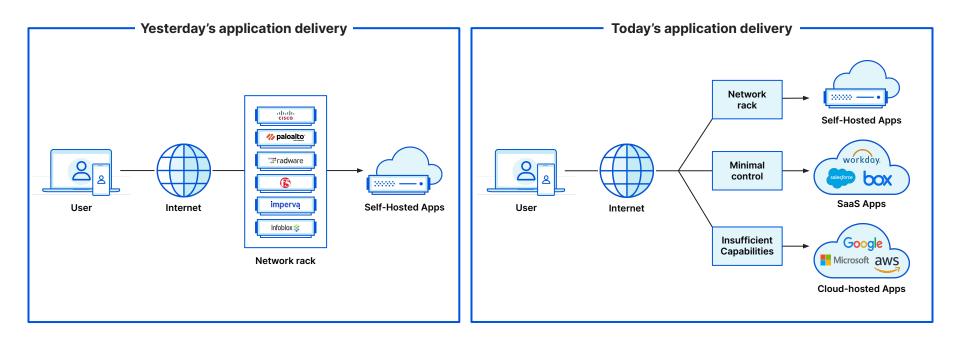
VP Product - Application Security

Apps Have Left the Corporate Data Center



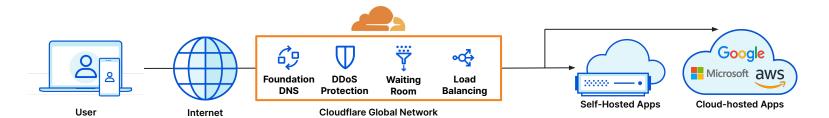


Apps Have Left the Corporate Data Center – Requiring New Solutions





Problem		Description	Buyer Persona	Legacy Bandaids	Modern Competitors
\bigcirc	Application Performance and Network Reliability	"My site, and the network on which it runs, is my business. I need it to be as fast, reliable, and available as possible."	Director of (Network) Infrastructure	F5/NGINX, Akamai, Neustar, NetScout/Arbor, Imperva	AWS, Azure, GCP Fastly, NS1





Problem		Description	Buyer Persona	Legacy Bandaids	Modern Competitors	
\odot	Application Performance and Network Reliability					
\$	Application Cost Efficiency	"Any content served by Cloudflare and not my origin saves me money."	Director of Web Infrastructure/ Engineering	Edgio (Edgecast), Akamai, Stackpath	AWS, Azure, GCP Fastly/Signal Sciences	





	Problem	Desc	ription	Buyer Persona	Legacy Bandaids	Modern Competitors
\bigcirc	Application Performance	Application Performance and Network Reliability				
\$	Application Cost Efficien	ency				
Ψ	Application/API Management and Protection	customers' data (an	are compromised, my nd my reputation) is at sk."	Director of Web Infrastructure/ Engineering	F5 (Shape), Imperva, Apigee, MuleSoft	AWS, Azure, GCP, Akamai, Fastly, Kong
	User	Internet	Web App API Firewall Shield	TLS/ Data Loss SSL Prevention	Self-Hosted Apps	Google Microsoft aWS Cloud-hosted Apps



	Problem	Description	Buyer Persona	Legacy Bandaids	Modern Competitors		
\odot	Application Performance	and Network Reliability	and Network Reliability				
\$	Application Cost Efficien	су					
\Box	Application/API Manage	ment and Protection					
\otimes	Application Fraud Prevention	"If my applications are used fraudulently, or in a different manner than I permit, I am exposed to liability and financial loss."	Director of Security (and Engineering)	F5 (Shape), Akamai, Imperva	Salt Security, NoName, HUMAN (PerimeterX), ThreatMetrix, Google reCAPTCHA		
	User –	Bot API Protection Shield Internet Cloudflare G	* Page Fraud Shield Prevention	Self-Hosted Apps	Google Microsoft aWS Cloud-hosted Apps		



User

Internet

	Problem	Description	Buyer Persona	Legacy Bandaids	Modern Competitors		
\odot	Application Performance and Network Reliability						
\$	Application Cost Efficien	су					
Ψ	Application/API Manage	Application/API Management and Protection					
\otimes	Application Fraud Prever	ntion					
(!)	Early Warning and Analysis of Threats	"My security team needs a trusted partner to help us understand and prepare for the threats facing us."	Security Operations Center (Analysts)	Proofpoint, Neustar, RecordedFuture	CrowdStrike, Google/Mandiant, Microsoft/RiskIQ		
			difforce Brand Protection		Google Microsoft aws		

Cloudflare Global Network

Self-Hosted Apps

Cloud-hosted Apps



User

Internet

	Problem	Description	Buyer Persona	Legacy Bandaids	Modern Competitors		
\odot	Application Performance and Network Reliability						
\$	Application Cost Efficien	Application Cost Efficiency					
\Box	Application/API Management and Protection						
\otimes	Application Fraud Prevention						
(!)	Early Warning and Analy	sis of Threats					
	Compliance & Data Localization	"I have different global regulatory schemes to which I need to adhere."	Director of Web Infrastructure/ Engineering	SolarWinds	AWS		
	<u> </u>	Data Spec	etrum Geo Key Proxy Manager		Google Microsoft aws		

Cloudflare Global Network

Cloud-hosted Apps

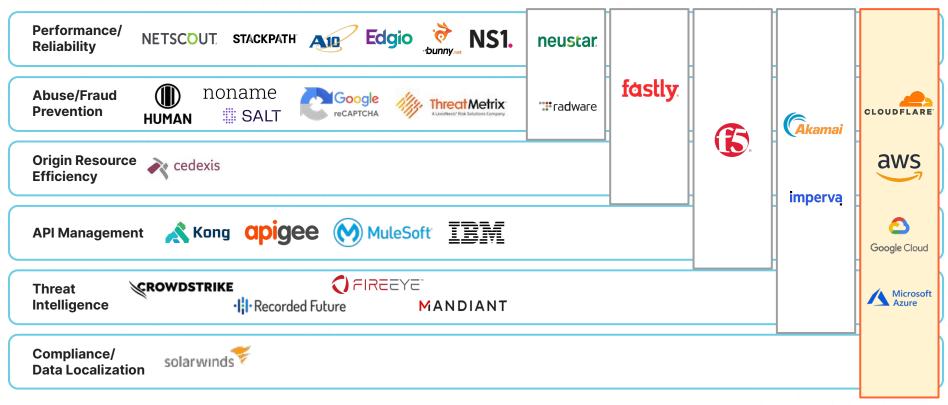
Self-Hosted Apps



Act I: Application Security & Performance as a Platform

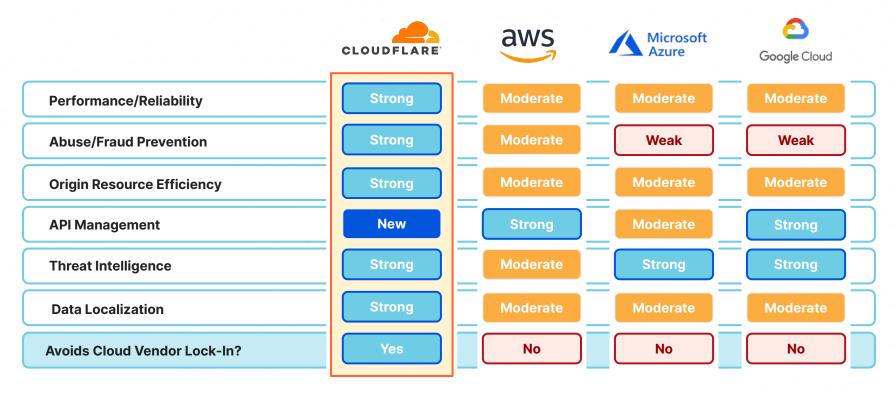
Problem		Application Security	Application Performance
\odot	Application Performance and Network Reliability	Application and Network DDos Keep networks online and reliable. TLS/SSL Data security	DNS Fast, secure and resilient DNS Load Balancing Dynamically distribute traffic Argo Smart Routing Accelerate traffic Spectrum Proxy TCP/UDP apps
\$	Application Cost Efficiency	Bot Management and Fraud Prevention Protect against bots running up costs	CDN Ultra-fast content delivery Cloudflare Images Store, optimize, resize images Cloudflare Stream Live and on-demand streaming Cache Reserve Eliminate egress fees
Ψ	Application/API Management and Protection	WAF w/Advanced Rate Limiting Stop attacks, abuse and exploits API Shield Protection against API threats	Waiting Room Route excess users away API Gateway Manage API endpoints at the edge
⊗	Application Fraud Prevention	Bot Management and Fraud Prevention Stop bad bots and prevent fraud Bot Management and Fraud Page Shield Stop client-side attacks	Zaraz Load third-party tools
(!)	Early Warning and Analysis of Threats	Cloudflare Security Center Attack surface management Cloudforce One Access to threat intel experts	
	Compliance & Data Localization	Geo Key Manager Region-restricted encryption keys	Data Localization Suite Adhere to regulatory schemes

Only Cloudflare & Big 3 Clouds Address All of these Application Challenges...





...But Only Cloudflare Excels across the Board — While Avoiding Lock-In





Why We Win Today

- Platform benefits, including ease of use and breadth of offering
- 2. Product velocity and buy-in to our vision
- 3. Affirmation from analysts and presence on "short lists"

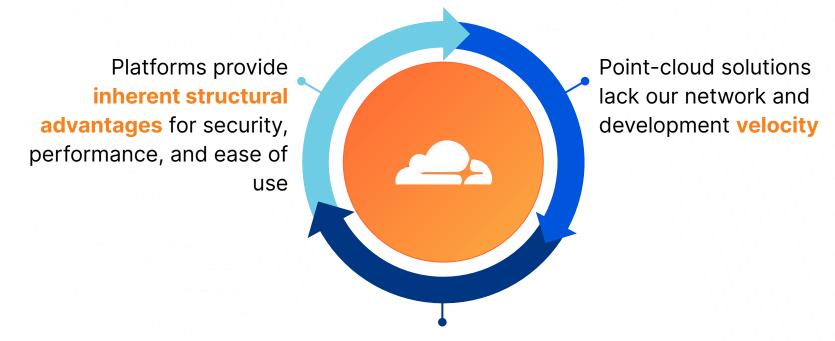
- 4. "Value" / cost reduction
- Accessibility of technical leadership (Product, Engineering) to customer
- 6. Hybrid-/multi-cloud and preservation of optionality





Why We Will Win Tomorrow

— Customers Will Consolidate to a Single Platform over Time







What Makes Us Different









- Absorb the largest attacks, anywhere in the world
- Customer density and diversity improves network performance
- Cost efficiencies passed on to customers

- Single dashboard to control entire product suite.
- Customers guided through adoption journey
- Improved experience for customers based on PAYGO feedback and testing

- 1. Every request improves app security products
- Collective data powers threat intelligence offering
- Application Services products complement each other (layers)

- Traditional security offerings increase latency; we do not—and often increase performance
- 2. Platform benefits vs. "best of breed"





Act II: Network Services



Rustam LalkakaVP Product - Network Services

Cloudflare's Global Network



285+ cities

in 100+ countries, including mainland China



12,000 + networks

directly connect to Cloudflare, including ISPs, cloud providers and large enterprises



197 Tbps

of network edge capacity and growing the largest attack on record was 1.5Tbps



230+ backbone links

dedicated capacity circumnavigating the globe



95% within 50ms

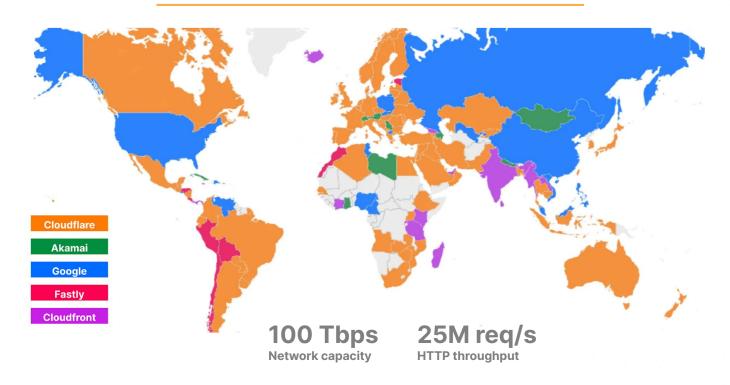
of the world's population





Cloudflare is committed to being the fastest network in every country

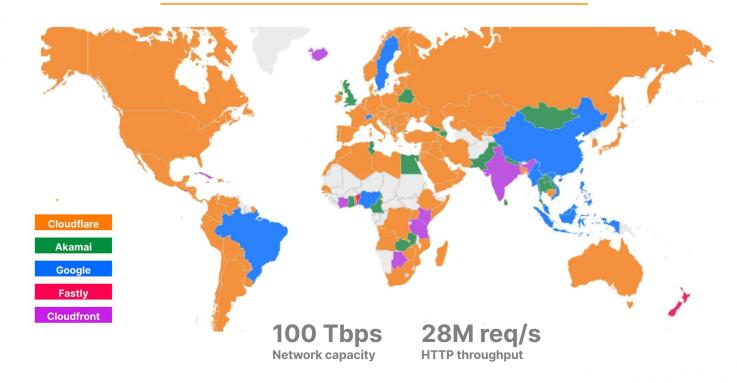
September 2021





Cloudflare is committed to being the fastest network in every country

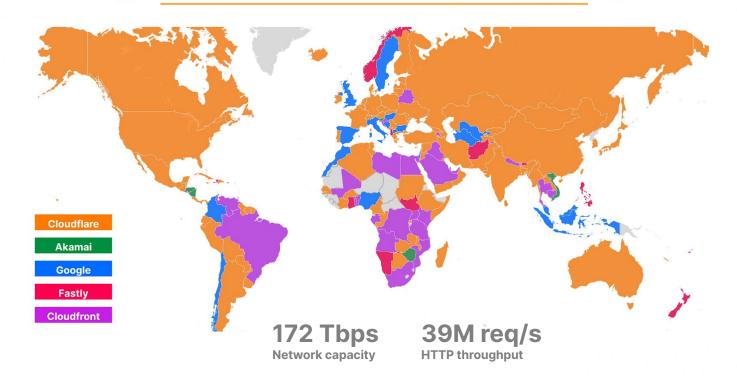
November 2021





Cloudflare is committed to being the fastest network in every country

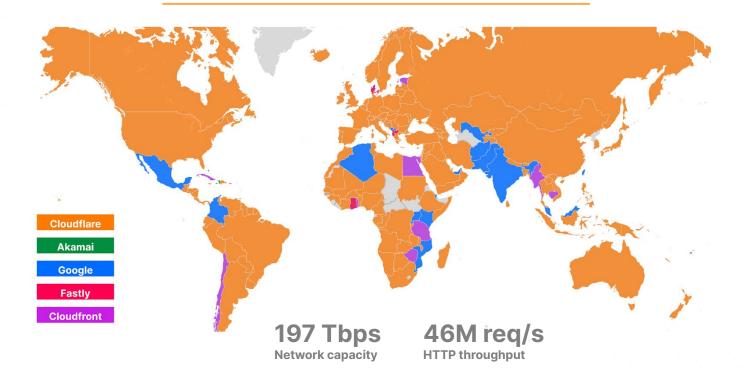
November 2022





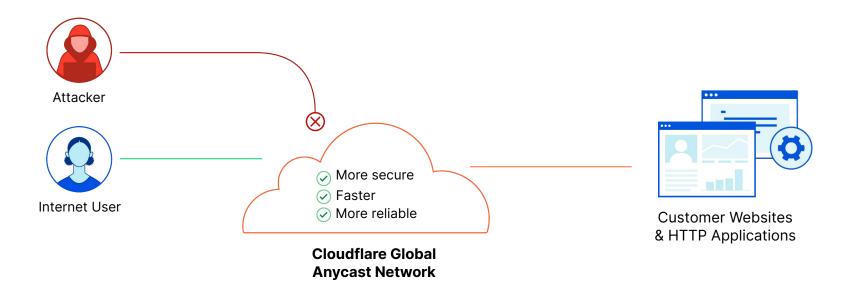
March 2023

Cloudflare is committed to being the fastest network in every country



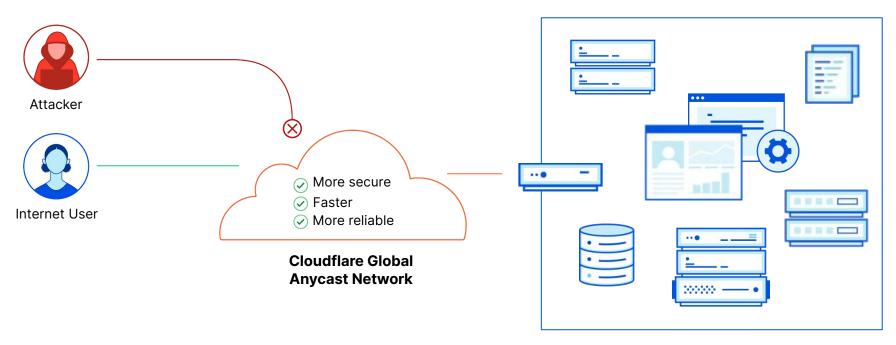


Act I: Protecting Public-Facing Infrastructure





Act I: Protecting Public-Facing Infrastructure at the Network Level





Cloudflare Protection at All Layers of the OSI Stack

7	Application Layer	L7 DDoS, WAF, Bot Management, API Security	
6	Presentation Layer		
5	Session Layer		
4	Transport Layer	Spectrum	
3	Network Layer	Magic Transit, Magic Firewall	
2	Datalink Layer	Cloudflare Network	
1	Physical Layer	Interconnect	



Magic Transit Solves the Problems of Legacy Competitors

Specialized hardware

expensive, capacity-limited, can't keep up with changing attack landscape





Software scrubbing centers

introduce latency by backhauling traffic to centralized location



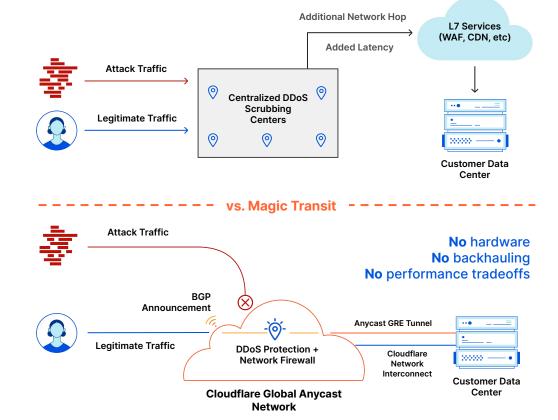
imperva

ISP-provided protection

specialized hardware at a dedicated scrubbing center without quality support





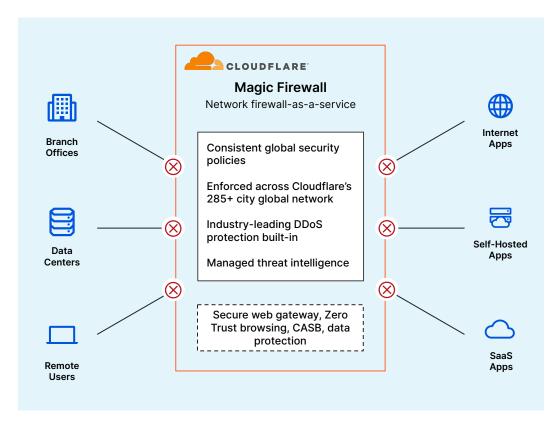




Magic Firewall Provides Cloud-Native Security for Your Entire Network

Magic Firewall enforces consistent security policies across customers' branch offices, data centers, cloud properties, and end-user devices.

- Consistent security policies deployed globally in under 500ms
- No appliances to manage automatically scale with business needs
- Eliminate unwanted traffic before it reaches your network
- Managed threat intelligence gleaned from the Cloudflare global network
- Optional upgrades to Secure Web Gateway, CASB, Zero Trust browsing

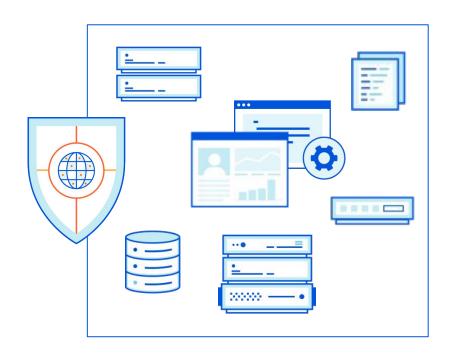




What's Next after Act I?

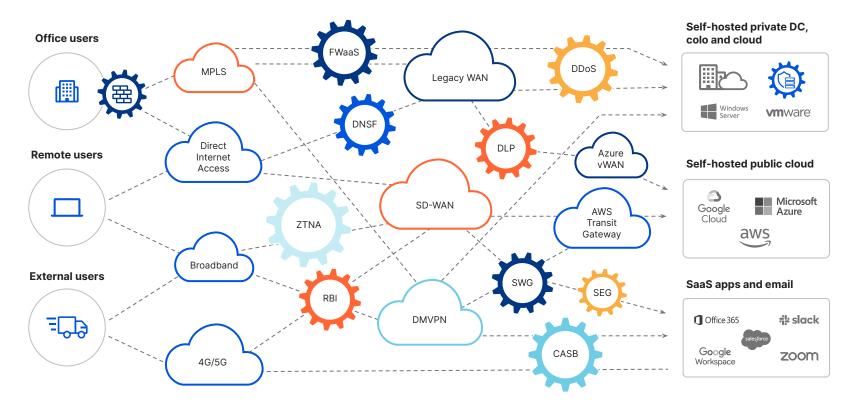
Our customers' public-facing networks are more secure, faster, and more reliable.

We're replacing legacy hardware boxes and band-aid point solutions.



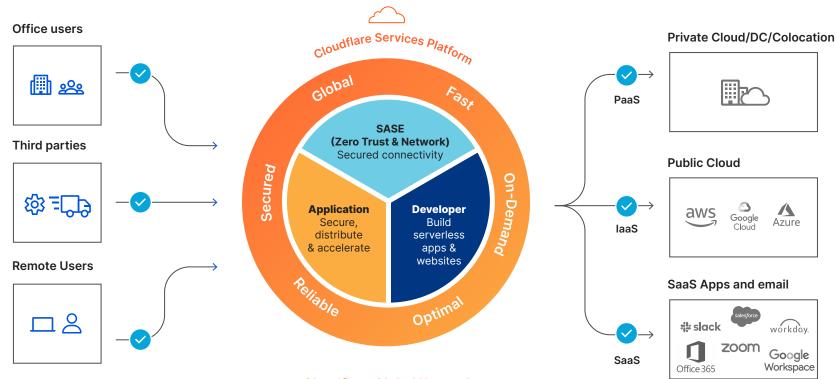


Act II: Enterprise Networks were Not Built for What They Have Become



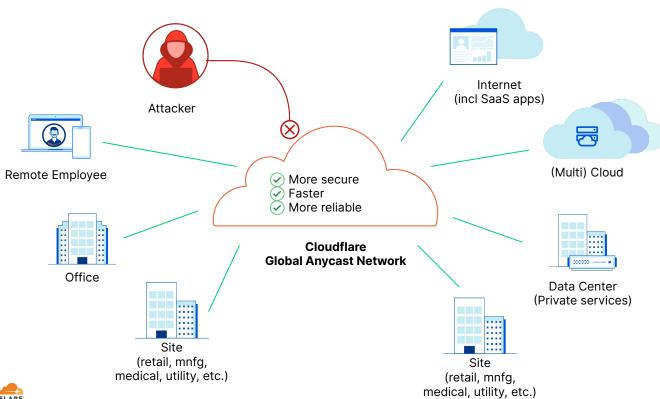


Cloudflare is Secure, Fast, Reliable, Any-to-Any & End-to-End, Composable





Magic WAN Connects & Protects Private Infrastructure...



Built-in, not bolt-on, security

Get cloud-native DDoS
protection, network firewalling,
and zero trust functionality —
all delivered as-a-service

Operational agility up, costs down

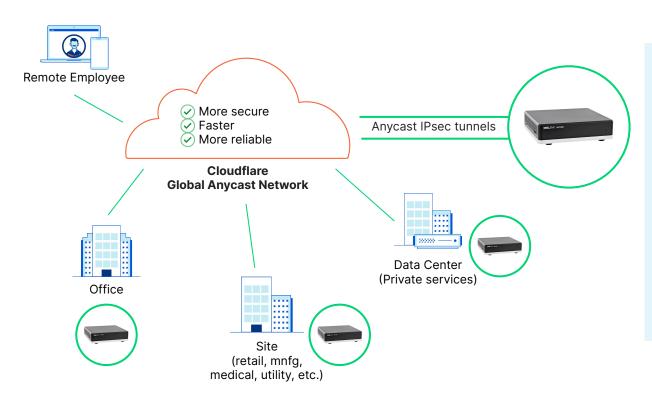
Reduce network TCO by minimizing branch footprint and shifting network functions to the cloud

Central management and visibility

Manage all network security and connectivity and get deep visibility into your network traffic — all from the same interface



...with an Easy On-ramp for Physical Locations



Magic WAN Connector

- Cloudflare software, partner hardware
- Zero-touch configuration
- Smart traffic steering
- End-to-end integration with Cloudflare One

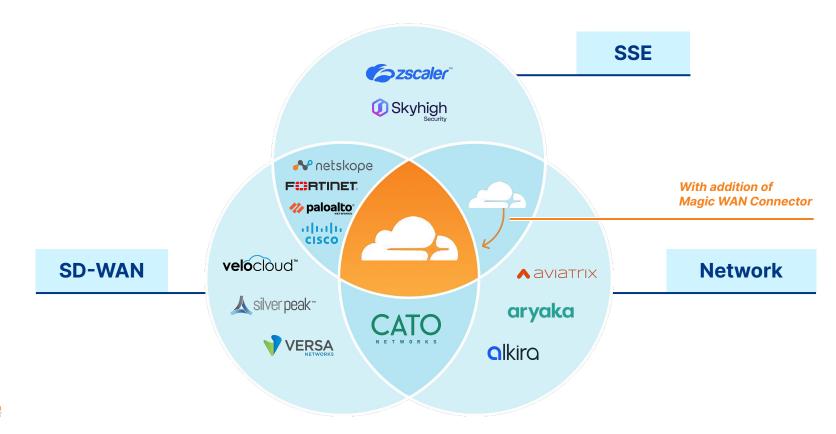


Cloudflare One is the Next Evolution in Network Design

Aspect	Example	MPLS	SD-WAN	Magic WAN
Configuration	New site setup and configuration	Manual	Simplified orchestration via SaaS portal	Simplified orchestration via SaaS portal
Last mile traffic control	Traffic balancing, QoS, and failover	MPLS SLAs	Available via SD-WAN appliance software	Available via hardware or software Magic WAN connector deployed on-prem
Middle mile traffic control	Traffic steering around middle mile congestion	MPLS SLAs	Not available via SD-WAN appliance	Integrated traffic management & private backbone controls in a unified dashboard
Security	Filter outbound Internet traffic for malware	Patchwork hardware controls	Patchwork hardware and/or software controls	Native integration with complete SSE/WAAP portfolio
Cost	Maximize ROI for network investments	High cost for hardware and connectivity	Decreased connectivity costs with higher hardware/software costs	Decreased hardware and connectivity costs for maximized ROI
Cloud integration	Connectivity for cloud migration	Manual IPsec tunnel configuration	Available via vCPE deployment	Native connectivity with Cloud Network Interconnect



SASE Competitive Landscape





We're Laying the Foundation to be a Universal Network Fabric



for IoT

Connectivity and security for Zero Trust SIM and Internet of Things device management platform



for Hybrid- & Multi-Cloud

Fabric and orchestration to facilitate complex, secure, private multi-cloud deployments



for Service Providers

Network services tailored toward ISP and telco use cases — both sell to and sell through motions



What Makes Us Different?









- Capacity to easily absorb the world's largest attacks
- Cost efficiencies passed on to the buyer
- Buy SASE in one place instead of cobbling together disparate network + security products
- Unified policy engine for all traffic regardless of on-ramp
- Single dashboard to control entire product suite

- 1. Unique view of Internet health allows us to see and route around problems, enabling migration away from MPLS without sacrificing reliability
- Filtering happens close to users, applications, and customer sites wherever they are in the world
- Single-pass architecture works with our traffic acceleration features



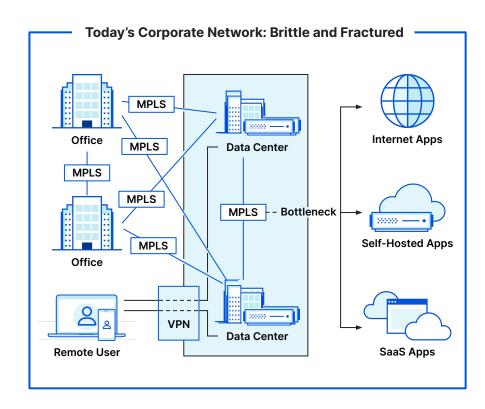


Act II: Zero Trust Services



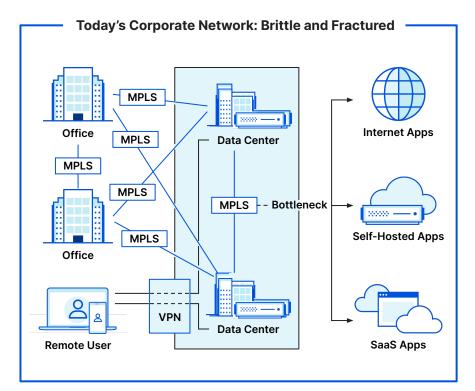
Annika GarbersProduct Manager

Apps Have Left the Corporate Data Center





Apps Have Left the Corporate Data Center, Requiring New Solutions







What is SASE?

Connectivity & Network Services

How do I connect my users, devices, and applications?

- User connectivity
- Network connectivity
- Traffic steering & acceleration



Zero Trust Services

How do I secure, manage, and filter my applications and data?

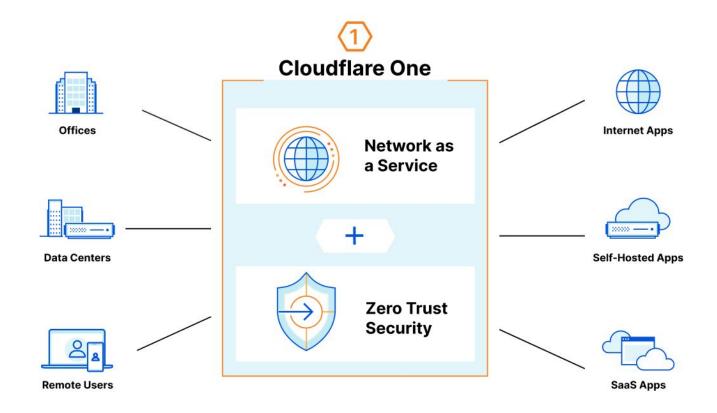
- Zero Trust Access Control
- DNS Filtering
- Secure Web Gateway
- Cloud Access Security Broker
- Network Firewall
- Remote Browser Isolation
- Data Loss Prevention
- Shadow IT



Secure Access Service Edge (SASE)



Cloudflare One is Our Unified SASE Platform





Problem		Description	Buyer Persona	Legacy Bandaid	Modern Competitor
5	Site-to-Site Connectivity	"I need to connect sites (offices, retail, mfg) to offices and data centers."	CIO	MPLS links	SD-WAN vendors (Viptela, Silver Peak)



Problem		Description	Buyer Persona	Legacy Bandaid	Modern Competitor
	Site-to-Site Connectivity	"I need to connect sites (offices, retail, mfg) to offices and data centers."	CIO	MPLS links	SD-WAN vendors (Viptela, Silver Peak)
\leftrightarrows	Internal Connectivity & Access Control	"I need team members to reach internal resources."	CIO with CSO requirements	Cisco VPN	Cloud-Based ZTNA (Palo Alto Networks, Zscaler, Netskope)



F	Problem	Description	Buyer Persona	Legacy Bandaid	Modern Competitor
	Site-to-Site Connectivity	"I need to connect sites (offices, retail, mfg) to offices and data centers."	CIO	MPLS links	SD-WAN vendors (Viptela, Silver Peak)
$\stackrel{\longleftarrow}{\Longrightarrow}$	Internal Connectivity & Access Control	"I need team members to reach internal resources."	CIO with CSO requirements	Cisco VPN	Cloud-Based ZTNA (Palo Alto Networks, Zscaler, Netskope)
∷ >>	Outbound Filtering	"My employees need to connect to the Internet without the risk of attack."	CSO, IT implements	Self-managed appliances (Symantec [Blue Coat])	Cloud-Based SWG (Zscaler)



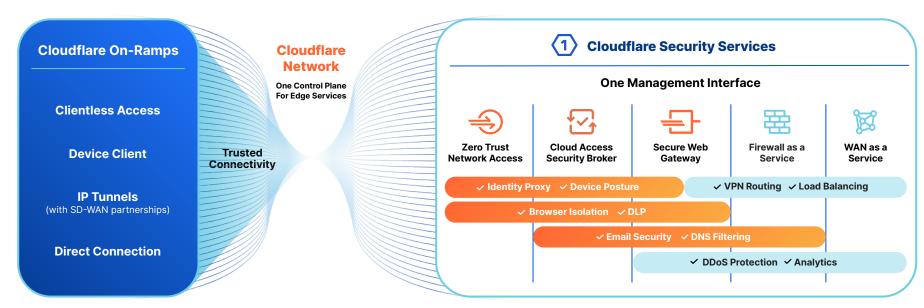
F	Problem	Description	Buyer Persona	Legacy Bandaid	Modern Competitor
	Site-to-Site Connectivity	"I need to connect sites (offices, retail, mfg) to offices and data centers."	CIO	MPLS links	SD-WAN vendors (Viptela, Silver Peak)
$\stackrel{\longleftarrow}{\hookrightarrow}$	Internal Connectivity & Access Control	"I need team members to reach internal resources."	CIO with CSO requirements	Cisco VPN	Cloud-Based ZTNA (Palo Alto Networks, Zscaler, Netskope)
::▷→	Outbound Filtering	"My employees need to connect to the Internet without the risk of attack."	CSO, IT implements	Self-managed appliances (Symantec [Blue Coat])	Cloud-Based SWG (Zscaler)
△	SaaS App Control	"I need to control how SaaS apps are used."	CSO, IT implements	Manual configuration	CASB vendors (Netskope)



F	Problem	Description	Buyer Persona	Legacy Bandaid	Modern Competitor
	Site-to-Site Connectivity	"I need to connect sites (offices, retail, mfg) to offices and data centers."	CIO	MPLS links	SD-WAN vendors (Viptela, Silver Peak)
$\stackrel{\longleftarrow}{\Longrightarrow}$	Internal Connectivity & Access Control	"I need team members to reach internal resources."	CIO with CSO requirements	Cisco VPN	Cloud-Based ZTNA (Palo Alto Networks, Zscaler, Netskope)
∷ ⊳→	Outbound Filtering	"My employees need to connect to the Internet without the risk of attack."	CSO, IT implements	Self-managed appliances (Symantec [Blue Coat])	Cloud-Based SWG (Zscaler)
△	SaaS App Control	"I need to control how SaaS apps are used."	CSO, IT implements	Manual configuration	CASB vendors (Netskope)
	Data Control	"I need to control who has access to data and where it is stored or transmitted."	CSO, IT implements	Self-managed appliances (Forcepoint, Digital Guardian)	Cloud-Based DLP (Zscaler, Netskope)



A Full-Stack SASE Platform (Zero Trust Services + Network Services)



Zero Trust services: ORANGE
Network services: BLUE

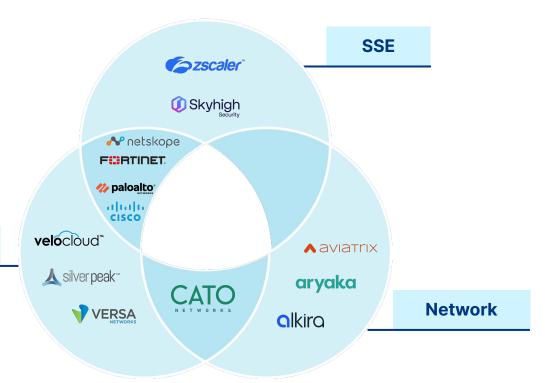


No Existing Vendor was Prepared to Solve the Full Stack of Problems...

SD-WAN

Why?

- Inflexible architecture combined with decisions to deploy dedicated or purpose-built hardware
- Avoid competing with revenue-generating partners
- Unwilling to divert attention from primary revenue drivers
- Lack of innovation



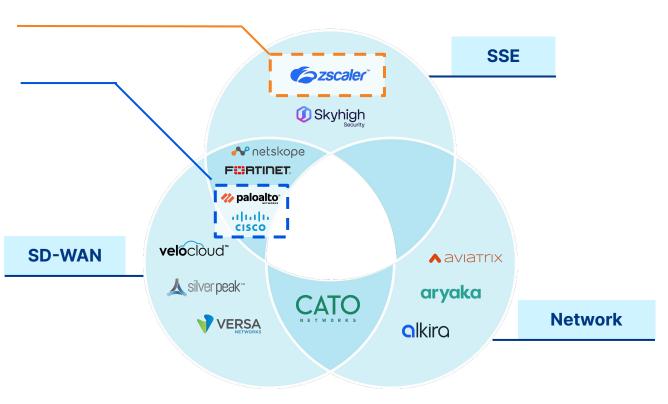


As a Result...

- SSE vendors are paired up with a connectivity vendor
- Or, they cobble together point solutions through multiple acquisitions

Why are these problematic for customers?

- A patchwork of multiple security vendors creates opportunities for blind spots and gaps
- Maintenance increases exponentially with every vendor added
- Added costs
- High visibility requires high effort

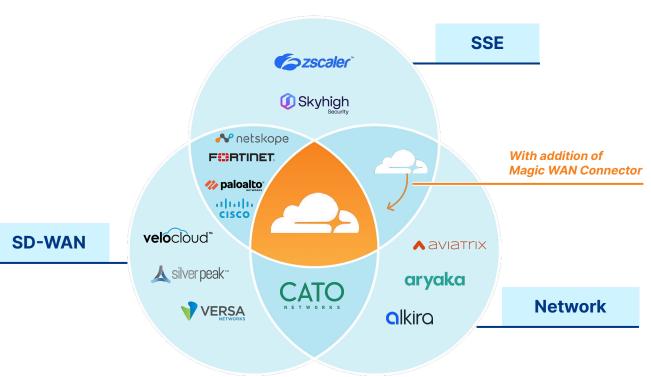




Cloudflare One is a Single, Comprehensive, SASE Solution that also Addresses Adjacent Customer Problems

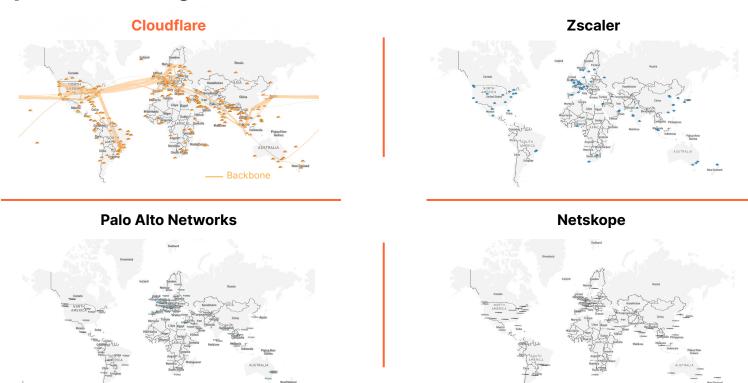
Adjacent Problems

- Email Security
- DDoS Mitigation
- WAF
- IoT/Device Security





Our Speed Advantage (or: Location, Location, Location + Backbone)



Our One Network Advantage

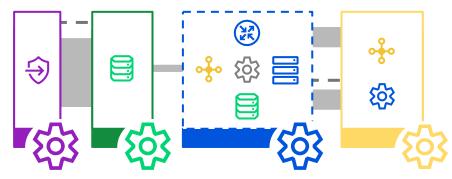
Trusted connectivity within 50ms of 95% of the world's population

 \downarrow

Every network location is available to every customer, and every service built to run in every network location

J

Consistently protect any source to any destination, from any location



Many fragmented clouds, Many control panels

vs. Cloudflare

Every service in every data center









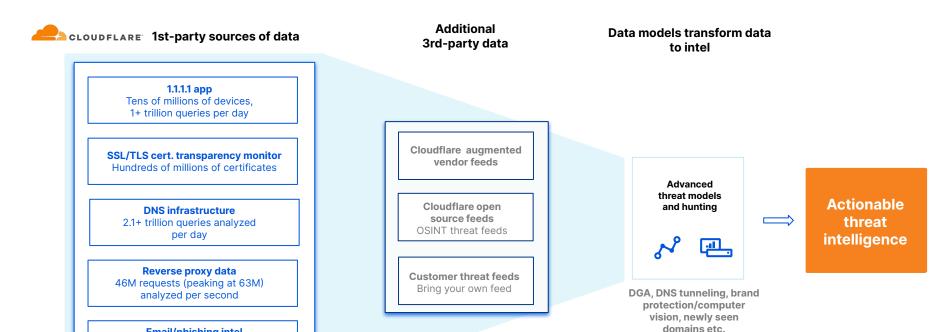


One cloud platform, one control plane



Cloudflare's Threat Intelligence Engine

Email/phishing intel9 billion preemptive campaign threat signals assessed daily





What Makes Us Different?









- Same quality of service and security filtering anywhere on the globe
- Network reach expands TAM; does not rely on public cloud footprint
- Cost efficiencies passed on to the buyer

- Enterprise buyers experiment on free plans and then purchase
- Improved experience based on PAYGO feedback for enterprise customers

- 1. Smarter blocks applied
- Fewer false positives and reduced IT help desk burden

- We improve speed by bringing security actions closer to the user
- Single-pass architecture works with our traffic acceleration features



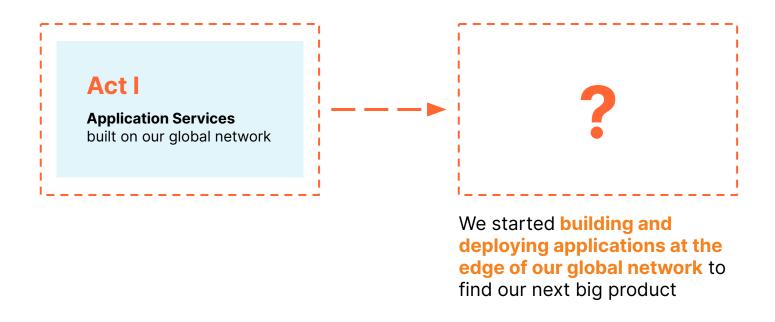


Act III: Developer Services



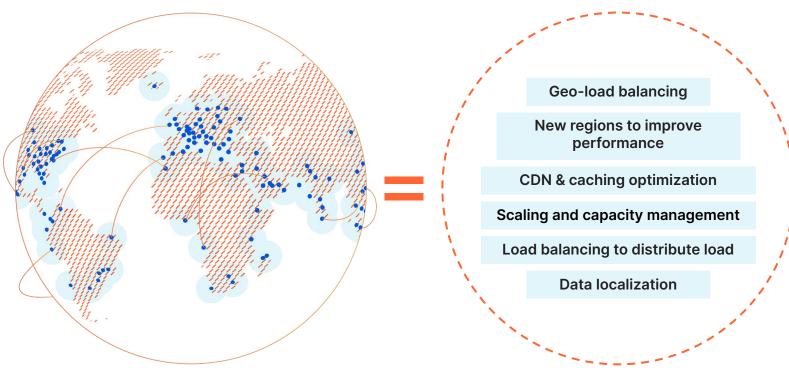
Aly Cabral
VP Product - Developer Platform

After We Established Act I, We Needed to Iterate to Find our Next Act



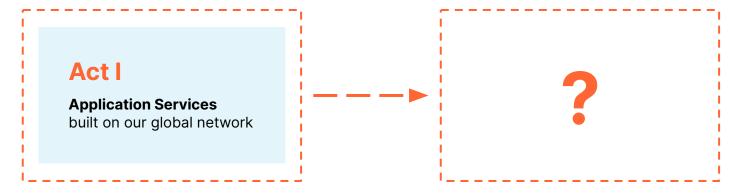


We Faced Many Problems that Came with Shipping at a Global Scale





After We Established Act I, We Needed to Iterate to Find our Next Act



Simultaneously, customers asked us to deliver more **features and configurations** on our Act I products

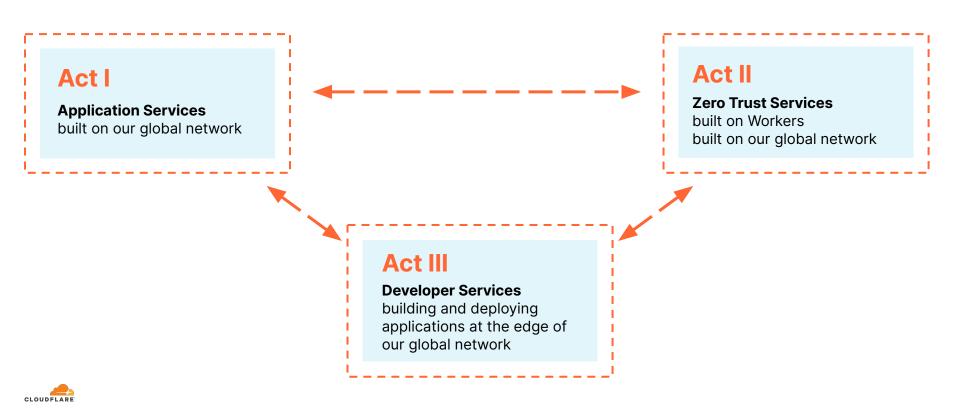


After We Established Act I, We Needed to Iterate to Find our Next Act





Our Customers Asked Us to Help Them Move Fast Too



Developers Face Many Problems When Building Applications

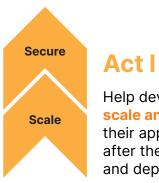
Problem		Description
*	Production Readiness	"I need to take an application that's working locally and deploy it at scale"
- <u>Ö</u> -	Pace of innovation	"I need to move fast to keep up with competition"
Ð	Vendor lock-in	"I need to get value out of my data but can't leave the ecosystem"
	Global audience	"I need to consider users across the world"
4	High user expectations	"I need to deliver modern, performant web experiences"

These problems are **not new** to us...



We've Solved these Problems Before with Our Act I Products

P	Problem	Description	Act I Highlights
*	Production Readiness	that's working locally and denloy it	
- <u>Ö</u> -	Pace of innovation "I need to move fast to keep up with competition"		Self serve experience
G	Vendor lock-in	"I need to get value out of my data but can't leave the ecosystem"	Cloudflare plans
	Global audience "I need to consider users across the world"		Regional Services, CDN
4	High user expectations	"I need to deliver modern, performant web experiences"	CDN



Help developers scale and secure their applications, after they've built and deployed them



We Can Solve these Same Problems Again, Now Earlier in the Build Process

Problem		Description	Act I Highlights	Act III Highlights
*	Production Readiness	"I need to take an application that's working locally and deploy it at scale"	Load balancing, DDoS, Bots, Waiting Room	Workers
- <u>Ö</u> -	Pace of innovation	"I need to move fast to keep up with competition"	Self serve experience	Pages, wrangler
Ð	Vendor lock-in	"I need to get value out of my data but can't leave the ecosystem"	Cloudflare plans	R2
	Global audience	"I need to consider users across the world"	Regional Services, CDN	Workers KV, Workers
4	High user expectations	"I need to deliver modern, performant web experiences"	CDN	Workers



Act I

Help developers scale and secure their applications, after they've built and deployed them

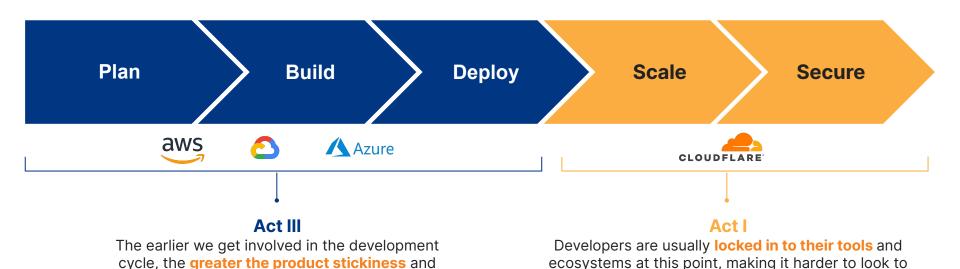
Act III

Help developers build and deploy their applications right from the start



Act III Complements Act I with Storage, Compute, and Developer Experience – Freeing Developers to Select the Best Solution for the Problem at Hand

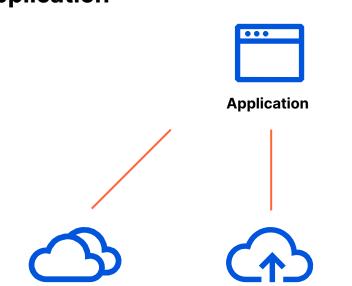
the larger the potential user base



services outside of their building platforms

CLOUDELABE

Developers Need Various Building Blocks to Create a Full-Stack Application



ComputePower the logic of an application





Network
Send information
to/from different
locations

Developers choose these tools based on...



Developer Experience

Allows for focus on application differentiation



Platform Maturity Continues to Accelerate

Cloudflare Developer Platform



Compute



Workers Croi Bundled Triage





Workers Unbound

Data Storage



Workers KV

Cache

API



 \sim





Third-party connectors

D1 Data

Storage

Developer Services



Pages

Images









Stream

m Platforms

Magic NAT





Workers

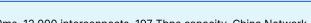
Analytics Engine



Tools



Observability Pub Sub





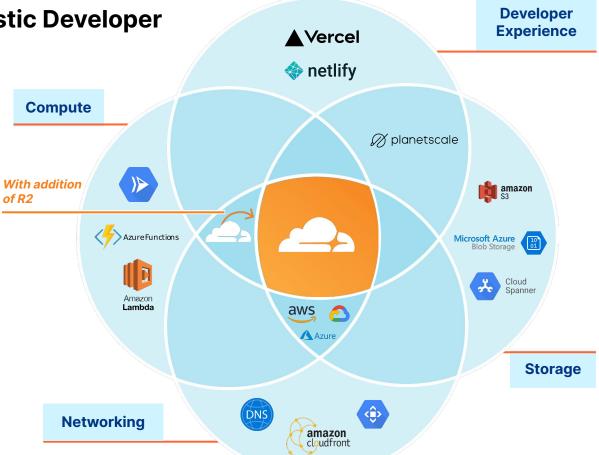
Cloudflare Network Infrastructure

- Global Edge: 285+ cities, 95% of Internet users within 50ms, 12,000 interconnects, 197 Tbps capacity, China Network
- Building Blocks: SSL/TLS, mTLS, Authoritative/Recursive DNS, DNSSEC, DNS over HTTP, L4-7 over Wireguard
- Compliance/Privacy: ISO, SOC, PCI, GDPR-compliant Logs & Analytics, Data Localization Suite

Cloudflare is the Only Holistic Developer Platform with All the Tools

Cloudflare is uniquely positioned:

- Network infrastructure is already in-place and ready to handle scale
- Developers trust us from our Act I products
- More agile and innovative than the big three clouds
- More established than new challengers with stronger reach and presence





R2 Object Storage Benefits

Zero egress fees

Lower, more predictable costs, without the data lock-in

Worker integration

Customize data processing and storage with code



Region: Automatic

Performant and compliant data placement by default

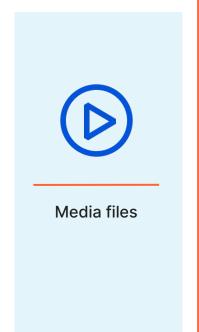
S3-compliant

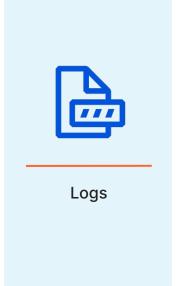
Easy migration from S3-compliant providers and no vendor lock-in



R2 Use Cases











Why Developers Choose Our Products

Workers



Compute

Power the logic of an application

Cloudflare takes care of the infrastructure management

Production readiness baked in

ΚV

R2

D1



Storage

Provide contextual information

No vendor lock-in

Seamless data placement

CDN

DNS

Load Balancing



Pages

Wrangler





Network

Send information to/from different locations

Global network with **best** in class performance

Scalable and reliable without any additional config

Developer Experience

Allows for focus on application differentiation

Developer velocity without compromise

Built for the biggest and most critical workloads













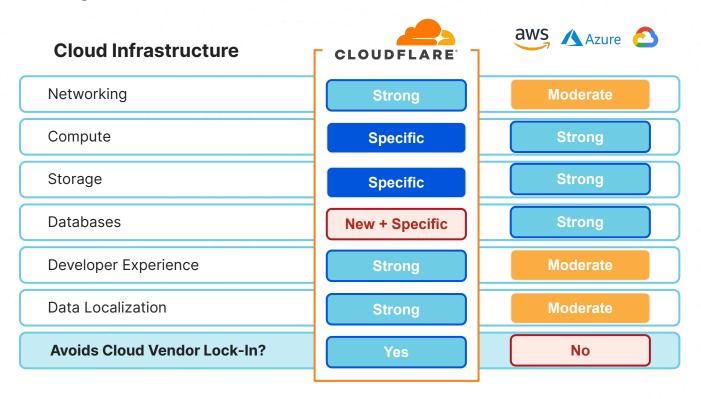








How We Compare to Incumbent Cloud Providers





What Makes Us Different?



 The network allows us to support the most critical workloads as opposed to a platform you have to graduate out of



 Ease of use allows developers to focus on the differentiation of their application



 Shared intelligence allows us to make the right decision on behalf of developers, saving them time



 We don't force developers to tradeoff between cost and performance





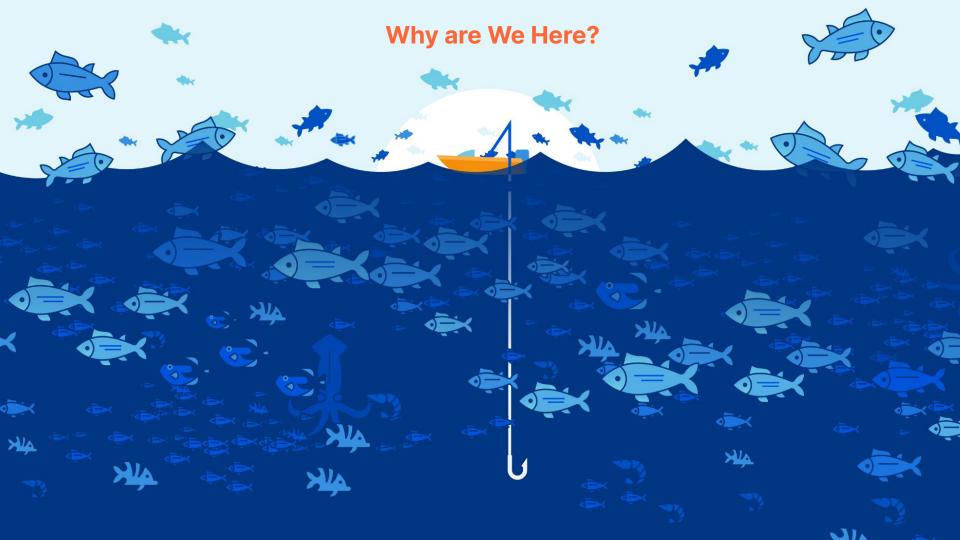
Go-To-Market: Becoming World Class

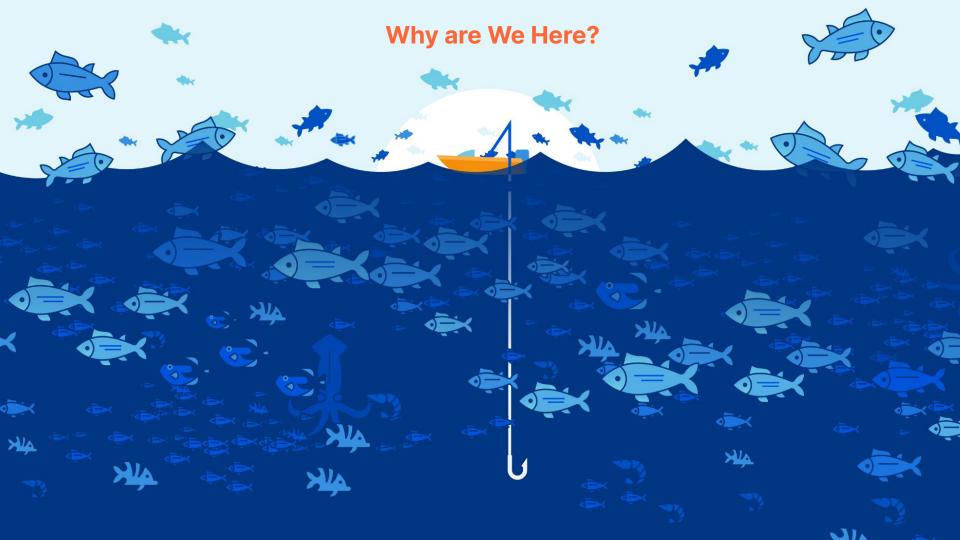


Marc BoroditskyPresident of Revenue

May 4, 2023









Where We Excel



A Platform Constantly Delivering Innovation

Legend:

2010	2011	2012	2013	2014	2015	2016	2017	2018		2019	2	020	2021		2022
CDN		Page Rules	WAF		DNS	Rate Limiting	SSL for SaaS	Spectrum	Registrar	Bot Management	API Shield	Payload Inspection	Page Shield	Waiting Room	Static IPs for Spectrum
SSL					China Network		Load Balancing	Domains	IPFS Gateway	Magic Transit	Regional Services	Data Localization Suite	Domain Protection	Argo for Spectrum	Cache Reserve
					DNS Firewall		DDoS	Access	<mark>О-ग</mark> mTLS	Image Resizing	Gateway	Browser Isolation	Etherum Gateway	Gateway	CASB
	PAYGO						Argo	Workers	Stream		Pages	Durable Objects	Flow Based Monitoring	Magic WAN	DLP
	Developer Services							Workers KV	14 Resolver		Automatic Platform Optimization	Web Analytics	Argo for Packets	Magic Firewall	Area 1 Email Security
	Network Services							_	-44			Г	Zaraz	Images	Kentik Flow Based Monitoring
	⇒ z	ero Trust S	Services										1	Certificate Manager	R2 Object Storage
	A	Application	Services											Advanced	⊕

Strength of Product



- 2023 GigaOM Radar for Application & API Security: LEADER
- 2022 Gartner Magic Quadrant for Web Application Firewall: LEADER
- 2022 Forrester Wave for Web Application Firewall: LEADER
- 2022 Gartner Peer Insights 'Voice of the Customer': WAAP: Customer's Choice LEADER
- 2022 Gartner Critical Capabilities for Cloud Web Application Firewall: TOP 3 SHORT-LIST for 'Core Security' & 'Web-Scale' Business Applications



- 2022 Forrester Wave for Bot Management: STRONG PERFORMER
- 2020 QKS Bot Management Market: TECHNOLOGY LEADER



- 2023 GigaOM Radar for CDN: LEADER
- 2023 GigaOM Radar for DNS Security: LEADER
- 2022 IDC CDN MarketScape: LEADER
- 2022 Gartner Peer Insights 'Voice of the Customer': Global CDN: Customer's Choice LEADER
- 2022 Frost & Sullivan Technology Innovation
 Leader: Global CDN: LEADER



- 2021 Forrester New Wave™ for Edge Development Platforms: LEADER
- 2020 Forrester New Wave for FaaS STRONG PERFORMER



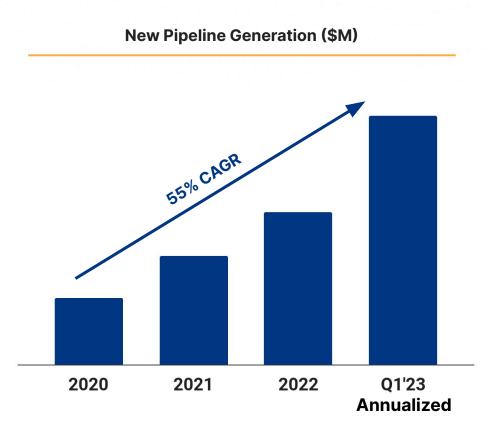
- 2023 KuppingerCole Leadership Compass for SASE: LEADER
- 2022 KuppingerCole Leadership Compass for ZTNA: LEADER
- 2022 Gartner Peer Insights 'Voice of the Customer' | Security Services Edge: STRONG PERFORMER
- 2023 Gartner Magic Quadrant for Security Services Edge: NICHE PROVIDER
- 2022 Gartner Market Guide for Zero Trust Network Access: Representative Vendor
- 2021 Forrester New Wave for ZTNA:
 CONTENDER

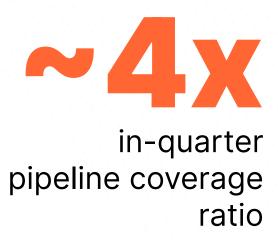


- 2022 GigaOm Radar for DDoS Protection: LEADER
- 2021 Forrester Wave for DDoS Mitigation Solutions: LEADER
- 2020 Gartner Solution Comparison for DDoS Cloud Scrubbing Centers: Most number of 'HIGH' ratings
- 2019 IDC DDoS Prevention MarketScape: LEADER



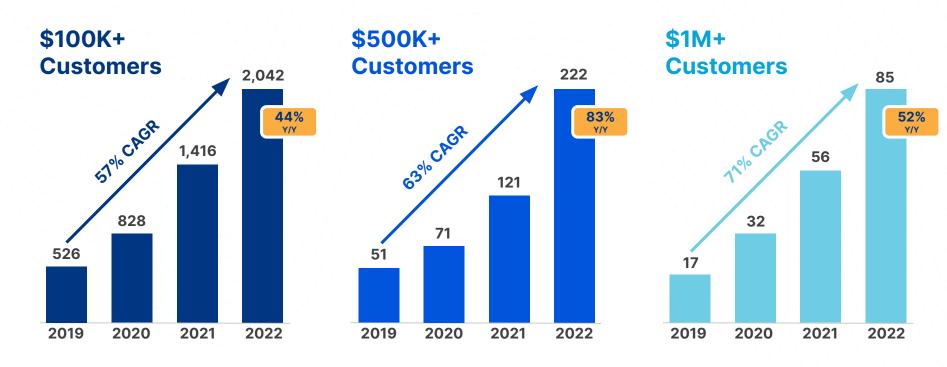
Product Innovation That Translates into Pipeline Generation







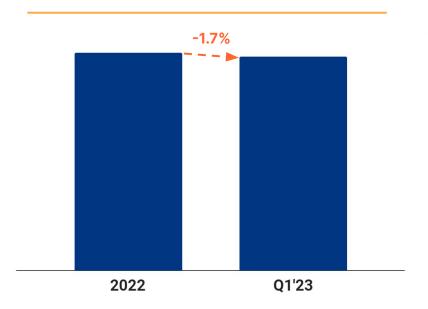
Significant Growth in Large Customer Cohorts





Top Sellers Are Consistent High Performers

Average Quarterly Productivity of High Performing Account Executives (AE)



Top 15%

Achieved 129% of quota over the last four quarters

Approximately 27% started within the last 18 months





Where We Need Improvement



We Are Not Limited by TAM, Opportunity, or Capacity...

Not Limited by TAM

Total addressable market \$146 billion in 2023

Not Limited by Opportunity

Accelerating new pipeline generation

Not Limited by Capacity

Too many AEs not making their targets

Performance Constrained



...We Are Performance Constrained

Example of Recent Distribution of Non-Ramping Account Executive (AE) Quota Attainment

AEs well above quota



Bimodal distribution of quota attainment



Not capacity constrained



Indicates performance challenges



...We Are Performance Constrained

Example of Recent Distribution of Non-Ramping Account Executive (AE) Quota Attainment





Bimodal distribution of quota attainment



Not capacity constrained

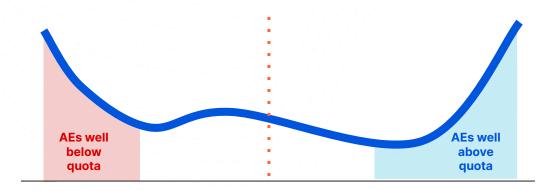


Indicates performance challenges



...We Are Performance Constrained

Example of Recent Distribution of Non-Ramping Account Executive (AE) Quota Attainment





Bimodal distribution of quota attainment



Not capacity constrained



Indicates performance challenges



Areas Identified for Improvement...



Talent Relaxed standards — hiring profile, enablement, and performance management



Customer Journey Limited data and understanding of what drives customer to land, expand, and adoption of platform



Metrics & Processes Limited unifying input/output metrics; inconsistent, conflicting, and undocumented guidelines and processes



Coverage & Structure Inconsistent coverage model by geography, country, segment, and channel with multiple many-to-many mappings for supporting resources



Territories & Accounts Inequitable territory and account allocation



Pipeline Routing issues, attribution friction, not aligned on unified metrics



Catchpoint ...Compounded by Selling at Cloudflare being Very Complex Lighthouse Build Demos Workers Ninja Panel Make my LinkedIn POs Deal Desk Number Network Build R2 CTOUsage Outreach CP_O **RFPIO** Bundles Privacy Caps **Ironclad** CISO ACV **Pipeline** CF1 price **Tableau** Growth Zero Trust Lists **Intricately** FREE Jira Internal **Anaplan** Boostup Processes FedRamp Co-term Zoom Renewals New Zendesk Lusha Products C/O FX All the Time Self Serve Annual Confluence Margin Prepay Launch Salesforce Showpad Gainsight Partners ZoomInfo Paygo **Customer** Developers

360

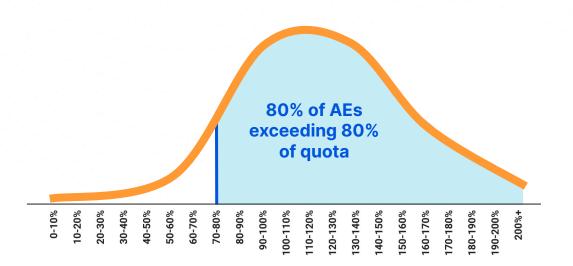


2023 Action Plan



Our Opportunity is Performance Improvement

Illustrative Example of a More Normalized Distribution of Non-Ramping Account Executive (AE) Quota Attainment



If quota
attainment
performance had a
more normalized
distribution, average
AE productivity
potentially would
increase at least 20%



What are the Initiatives in 2023 to Improve Performance?



#1:
Build Regional
Revenue
Machines



#2: Sell The Way The Customer Buys



#3:
Become
Trusted
Advisors for
Customers



#4:
Partner with
Product



#5: Operate as One Revenue Team

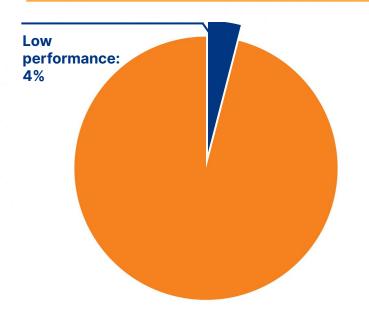


Upgrade Go-To-Market Talent

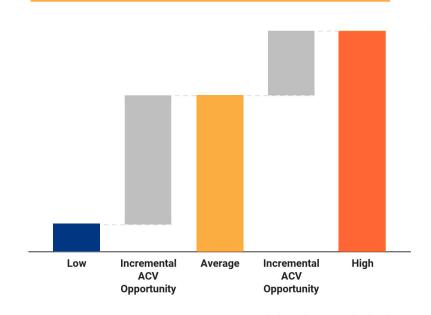


Upgrade Go-To-Market Talent

Low Performance AEs ACV Contribution



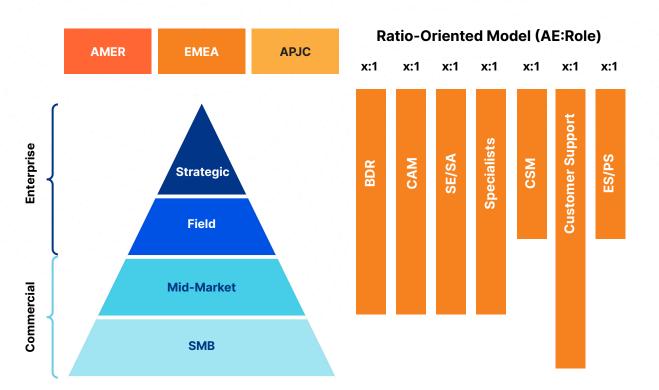
Productivity per AE — Low vs. Average vs. High Performance





UNIFYING METRIC: Sales Productivity

Build Regional Revenue Machines



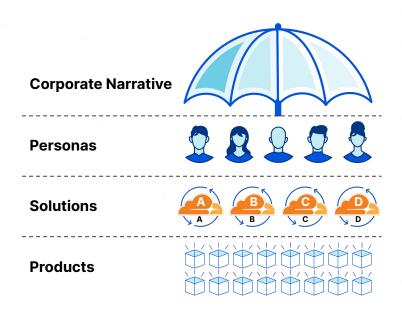
- Organize by global region, country, segment
- Standardize by segments and customer size breaks
- Standardize mapping to supporting teams, staff based on ratio-oriented model (ROM)
- Expanded specialized overlays for security (Cloudflare One), network (Magic Transit), and developer (R2/Workers)
- Staff support based on ticket volume and target mean time to resolution



UNIFYING METRIC: Pipeline Coverage

Sell The Way The Customer Buys

- Market-driven model (TAM/SAM by product, geography, and industry) to align coverage, resources, and priorities
- Map customer journey free, PAYGO, trial, land, expand — to optimize adoption and customer experience and align demand generation, BDR, and AEs
- Position solutions relative to customer pain points:
 - o "Secure Hybrid Work" = ZT, Access, Gateway, RBI, CASB, Email
 - "Supercharge App Performance" = Argo, Load Balancing
 - "Protect Customer Facing Apps" = WAF, DDoS, Bot Management, Page Shield
- Align categories to customers' organizational charts:
 - Application & Network Services >> IT/CIO
 - Cloudflare One >> Security/CISO
 - Workers & R2 >> Dev/CPO
- Elevate our Partner Program with clear roles and ROE around customer requirements





METRIC: CSAT at Each Touch

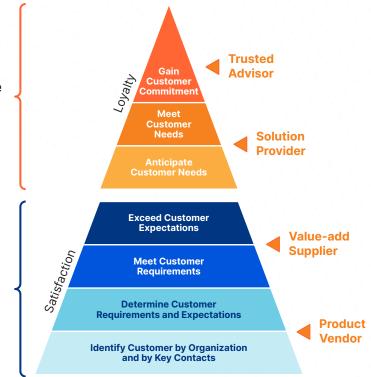
UNIFYING

Become Trusted Advisors for Our Customers

- Enable First Line Sales Managers (FLSM) as coaches that identify, develop, and retain great talent while driving higher levels of performance
- Expand enablement to accelerate ramp, improve how we drive adoption, and how we sell
- Shift from selling tactical point products to delivering strategic platforms and solutions that address customers' real business requirements
- Provide a seamless customer experience from first touch through scaling platform adoption
- Build out implementation programs to support customers that lack technical capacity to implement or expand the use of our solutions

Offensive Strategy







UNIFYING METRIC: Revenue by Product

Partner with Product

Partner with Product to create Solution Leadership Teams with a shared ownership model



Organize based on product roadmap, consistent release process, and support model for new products

Provide consistent, reliable feedback to Product on solution gaps and customer needs



UNIFYING METRIC: Engagement

Operate as One Revenue Team

- Align with Finance and Product on targets based on opportunity, capacity, and productivity — making goals rational but challenging
- Roll down priorities with all leaders creating a set for their teams that align to top level
- Unify and orchestrate consistent communications with one voice, reliable paths, enablement, and regular cadence
- Create cross-functional segment, operational roles to represent the Revenue team to other teams





Becoming World Class in Go-To-Market

Product Innovation

Network Stability

Go-To-Market









Upgrade talent and invest in comprehensive training and ongoing enablement



Increase sales team specialization, focusing on different customer segments, buyer personas, and industries



Leverage data analytics to make informed decisions on resource allocation and prioritize high-value opportunities



Emphasize consultative selling and prioritize customer success to drive repeat business, referrals, and upsell opportunities



Closely partner with product development to better address customer needs and close deals more efficiently





Financials: Profitable Growth At Scale



Thomas SeifertChief Financial Officer

May 4, 2023



Where We Are Today



Growth



Profitability



Key Financial Highlights

\$146B

Total
Addressable
Market in 2023

//

4.6x TAM since IPO

2,156

Large Customers



~460% increase from IPO

\$1.2B

Revenue Run Rate

^

+330% increase in revenue since IPO

76%

GAAP Gross Margin

maintained
>75% since
IPO

6.7%

Non-GAAP Op Profit Margin



record operating profit and margin



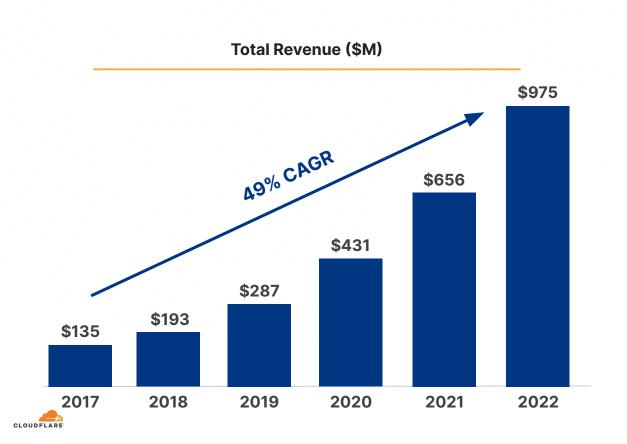
Note: Total Addressable Market figures are Cloudflare estimates based on IDC market forecasts. Figures reflect the markets addressed by our current product offerings. For markets not profiled by IDC forecasts, such as threat intelligence software and anti-fraud software, Cloudflare's estimates are based on Gartner, Inc., Forecast: Information Security and Risk Management, Worldwide, 2021-2027, 1023 Update, Shailendra Upadhyay, Rahul Yadav, et.al., 03/29/2023. Total addressable market at IPO represents 2018 expected spend from our analysis based on IDC data. Large Customers, Revenue Run Rate, GAAP Gross Margin, and Non-GAAP Op Profit Margin are as of the fiscal quarter ended March 31, 2023. Revenue Run Rate is defined as applicable quarterly revenue multiplied by 4. "From IPO" and "since IPO" refer to data as of the fiscal quarter ended June 30, 2019 (Cloudflare IPO occurred on Sept. 13, 2019). See the Appendix for how we define "Large Customers" and for GAAP to Non-GAAP reconciliation.

Consistent & Deliberate TAM Expansion Cloudflare **Developer Services Areas for Potential** \$204B **Application Platform Incremental Growth** Object Storage \$183B \$164B \$146B Cloudflare **Cloudflare One Network Services Database** Carrier Services (MPLS & SD-WAN) Internet of (0' **Things** Cloudflare Cloudflare Zero **Application Trust Services** Services VPN **5G Cellular** Application Content Filtering **Delivery Controllers** Remote Browser Isolation WAN **Data Loss Prevention** \$32B CDN Privileged Access **Network DDoS** Management Intrusion Detection **Network Analytics** & Prevention **Email Security** CASB Firewall Anti-Fraud 2018 2023 2024 2026 2025 Threat Intelligence



Note: Total Addressable Market figures are Cloudflare estimates based on IDC market forecasts. Figures reflect the markets addressed by our current product offerings. For markets not profiled by IDC forecasts, such as threat intelligence software and anti-fraud software, Cloudflare's estimates are based on Gartner, Inc., Forecast: Information Security and Risk Management, Worldwide, 2021-2027, 1Q23 Update, Shailendra Upadhyay, Rahul Yadav, et.al., 03/29/2023.

Track Record of Delivering Revenue Growth





Investments in enterprise sales



Large customer momentum



Land and expand strategy drives growth across cohorts



Increasing penetration across an expanding product portfolio

Negative Headlines...

I.M.F. Lowers Growth Outlook Amid Financial System Tremors

The International Monetary Fund says a painful slowdown, which could include a recession, has become a bigger risk for the global economy.

Credit Suisse, the Risk-Taking Swiss Banking Giant, Succumbs to Crisis

> Silvergate Bet Everything on Crypto, Then It All Evaporated

How the Last-Ditch Effort to Save Silicon Valley Bank Failed URS Agrees to Bu

UBS Agrees to Buy Credit Suisse for More Than \$3 Billion

Deal is part of effort to prevent further erosion of confidence in banking system

U.S. FDIC tells Signature Bank's crypto clients to close accounts by April 5

Signature Bank becomes next casualty of banking turmoil after SVB

JPMorgan CEO Jamie Dimon Leading Efforts to Craft New First Republic Bank Rescue Plan

Eleven Banks Deposit \$30 Billion in First Republic Bank

Regulators say move by JPMorgan and others demonstrates system's resilience

The 11 Days of Turmoil That Brought Down Four Banks And Left a Fifth Teetering

Silvergate Plans to Wind Down Bank

Operations and Liquidate



First Republic's \$30 Billion Rescue Fails to Soothe Investor Fear

...Elongated Sales Cycles, Which Countered Improving New Pipeline Generation...

New Pipeline Growth (% y/y) vs. Sales Cycles (Days)

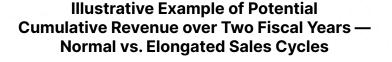


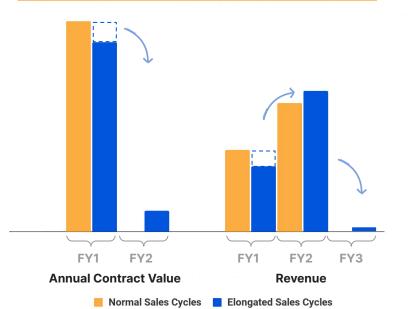
Significantly longer sales cycles in Q1'23 (~27% longer than last four quarter average) — most notably in large customer upsell deals

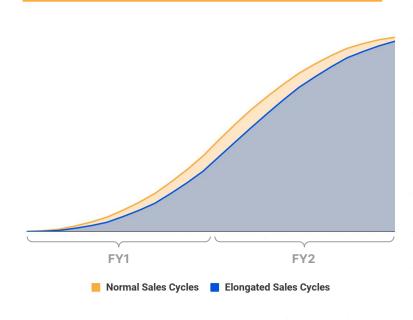


...Driving Our Expectation for Delayed ACV Bookings & Revenue Recognition

Illustrative Example of Potential
Impact to ACV & Revenue by Fiscal Year —
Normal vs. Elongated Sales Cycles



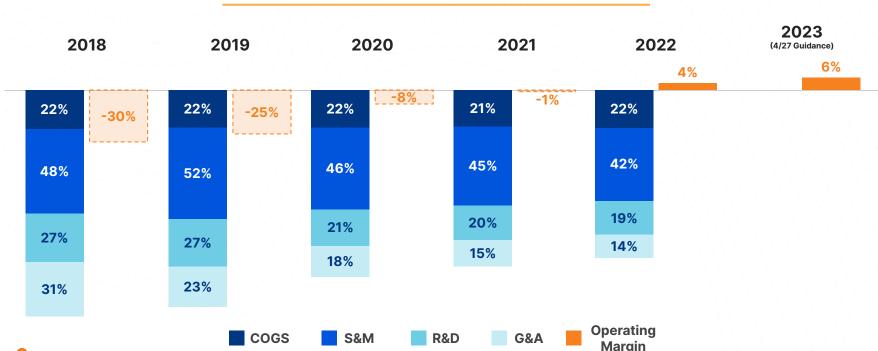






Elasticity of & Leverage in Our Operating Model

Non-GAAP Operating Expenses & Operating Margin (% of Revenue)





Note: 2023 Operating Margin is based on our guidance that was publicly disclosed on April 27, 2023. This forward looking guidance speaks only as of such date and the inclusion of such guidance in this presentation should not be interpreted as a confirmation or affirmation of such guidance as of any other date. Except as required by law, we assume no obligation and do not intend to update these forward-looking statements or to conform these statements to actual results or to changes in our expectations.

The Path to Our Goal of \$5B of Revenue



A Platform That Constantly Delivers Innovation



Compelling Unit Economics
Driving Profitable Growth
at Scale



A Platform That Constantly Delivers Innovation





Growing Large Customer Cohort



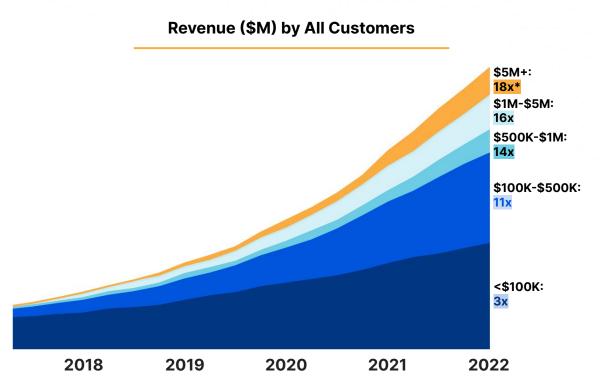
Expanding Product Portfolio



Extending into Adjacent Markets



Rapid Enterprise Expansion





30% of Fortune 1,000 and 6 of the Top 10 are paying customers



Large enterprise go-to-market additions

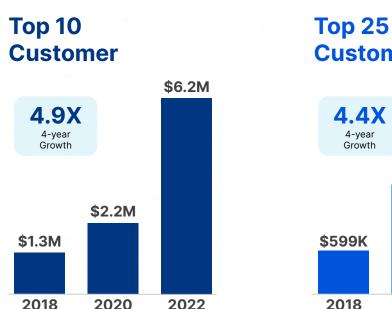


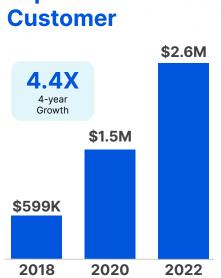
Enterprise grade product portfolio

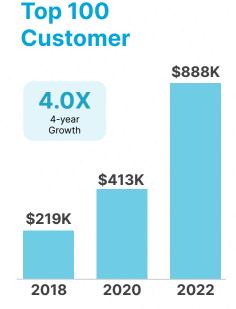


Increasing Enterprise Volume + Scale

Minimum ARR Required to be a Top Account





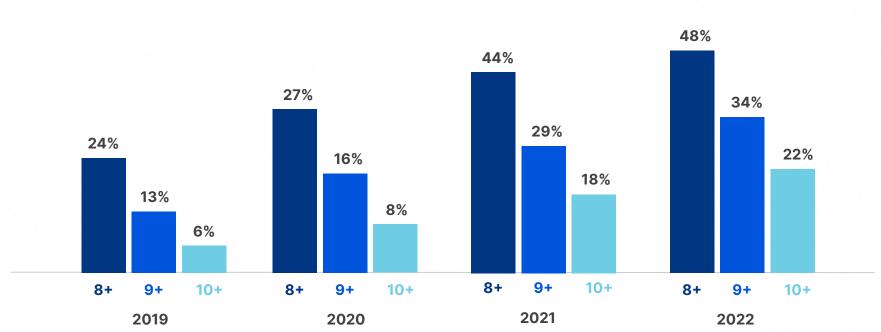




Note: Annual Recurring Revenue (ARR) is defined as the annualized value of our customer subscription contracts as of the measurement date, assuming any contract that expires during the next 12 months is renewed on its existing terms. ARR is calculated by multiplying the revenue in the fourth quarter of each respective year by four.

Land and Expand Strategy Drives Growth

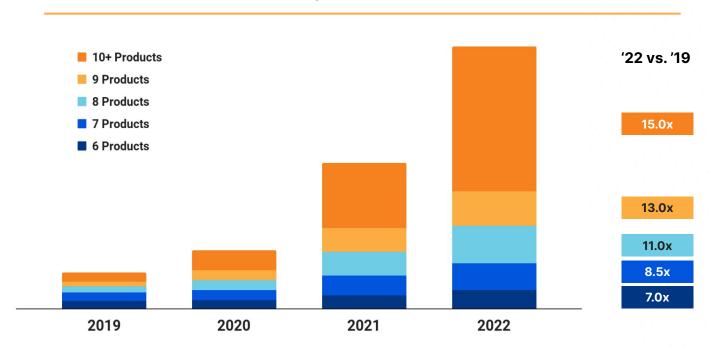
Product Attach Rates by Number of Products Purchased





Increasing Product Adoption & Revenue Contribution

Revenue Contribution by Product Attach Rate Cohorts (\$M)





A Multi-Act Play...

Product Attach Rates by Act in 2022

Act II

Act I

Application Services

90%+
of Contracted
Customers



Zero Trust Services

20%+
of Contracted
Customers



Network Services

15%+
of Contracted
Customers





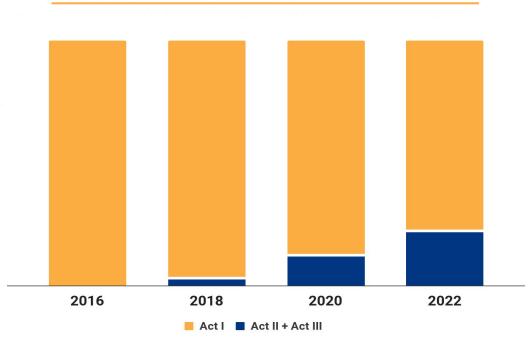
Developer Services

20%+
of Contracted
Customers



...That is Just Beginning







Compelling Unit Economics Driving Profitable Growth at Scale



Unit Economics



Long-term Operating Model



Unit Economic Margin

Cost to Book (CTB) What does it "cost to book" \$1 of incremental ARR? CTB = Sales & Marketing cost per dollar of incremental ARR

Cost to Serve

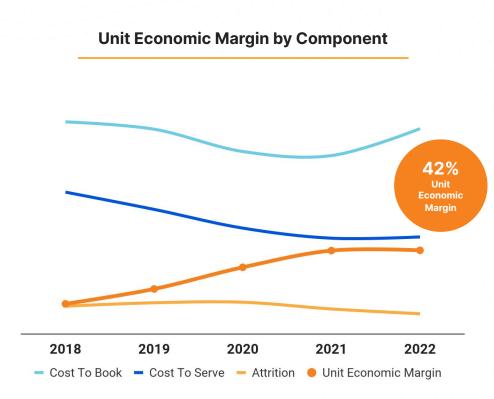
How much does it "cost to serve" the lifetime revenue? CTS = Delivery, R&D, Support & G&A cost as % of ARR

Attrition

What's the expected lifetime revenue from \$1 ARR? Lifetime Revenue (LTR) = \$1 ARR / attrition rate

Unit Economic Margin

What is the economic margin created by \$1 ARR? Unit Economic Margin = [LTR - CTB - (CTS * LTR)] / LTR





Long-Term Operating Model

	2020	2021	2022	Q1 2023
Gross Margin	78 %	79 %	78 %	78 %
Sales & Marketing (% of revenue)	46 %	45 %	42 %	42 %
Research & Development (% of revenue)	21 %	20 %	19 %	18 %
General & Administrative (% of revenue)	18 %	15 %	14 %	12 %
Operating Margin	(8)%	(1)%	4%	7%
Free Cash Flow Margin	(21)%	(7)%	(4)%	5%

Unit economics support 20%+ long-term operating margins. **Long-Term** Model Leverage efficiency and elasticity of our network and **75% - 77%** ingress/egress dynamics Scale go-to-market operations 27% - 29% with a focus on improving productivity **Continue to prioritize** 18% - 20% product innovation **Benefit from economies of** 8% - 10% scale and automation 20%+ ~25%+





Innovation drives a massive and growing total addressable market



Significant enterprise traction yields robust large customer growth



Invest in go-to-market talent



Highly efficient business model with attractive unit economics



Multiple levers to scale free cash flow





Q&A



Matthew Prince

Co-founder and Chief Executive Officer



Michelle Zatlyn

Co-founder, President and Chief Operating Officer



Thomas Seifert

Chief Financial Officer

