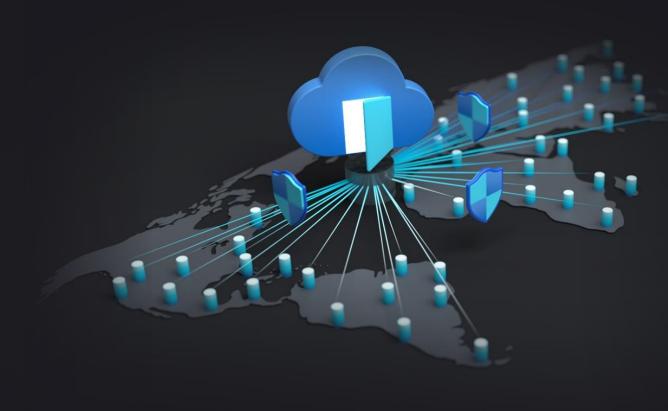


Azure Front Door

Modern cloud CDN that delivers optimized experiences to users anywhere



Navigating a shifting world

Conventional security tools have not kept pace

The nature of business and work have changed

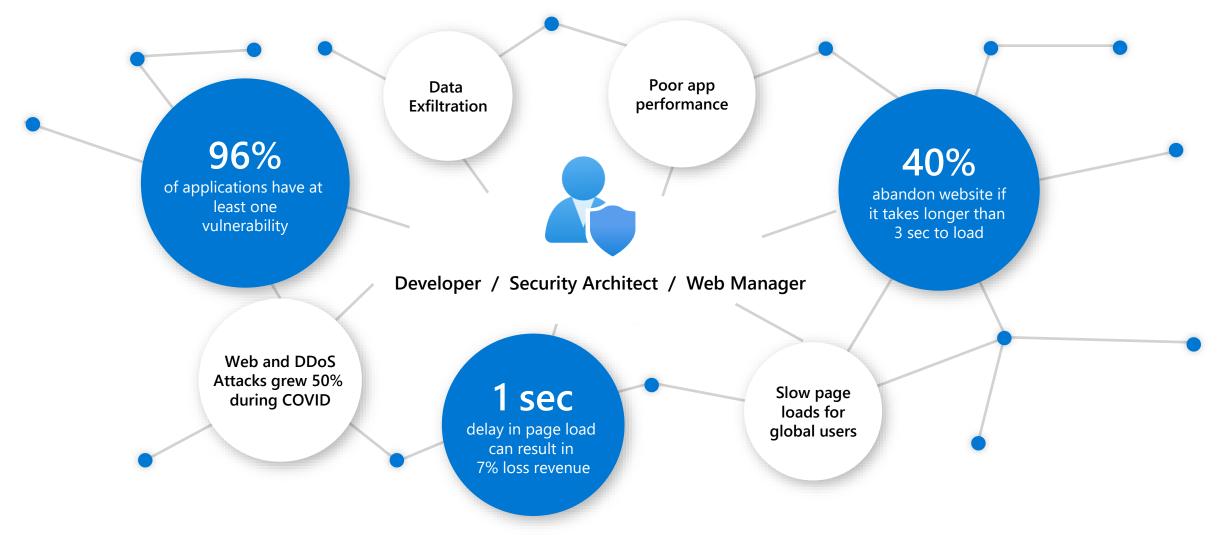




Cost of breaches and regulations are increasing



Digital transformation brings about new challenges



Enterprises need a modern cloud CDN to protect, optimize and scale their applications

Azure Front Door

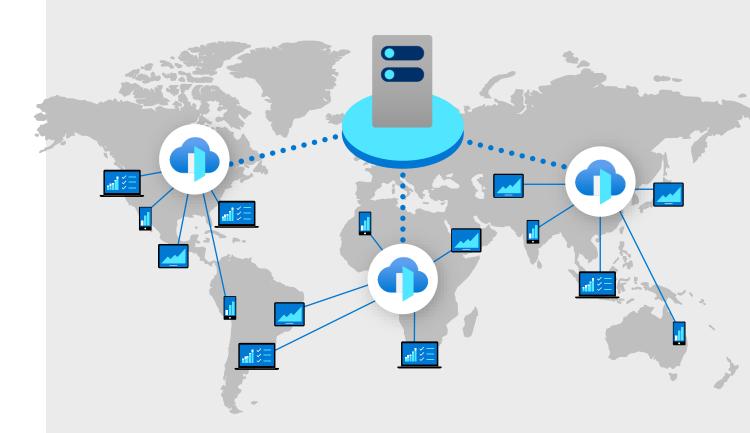
Modern cloud content delivery network (CDN)

What is a modern CDN?

A configurable, easy-to-use content delivery network architected for today's internet-facing services that enables you to deliver more dynamic and secure experiences for your content, files, and applications at scale.

Azure Front Door

- Provides higher performance, better scale and more secure experiences for your content and global applications
- Combines modern CDN technology and intelligent threat protection in a tightly integrated service
- Is easy to setup, deploy and manage



Azure Front Door Use Cases



Static object/ file delivery

Deliver large or small file assets to devices, browsers with minimized cost and max performance

- Manufacturing / Electronics
- Retail and Commerce
- Enterprise File Delivery
- Automotive and IoT



Dynamic content delivery

Optimize application performance and scale without caching content

- Retail and Commerce
- Mobile Apps and Services
- SaaS API Platforms
- IoT Services, Data



Modern microservices

Enable fault-tolerant and agile application architectures through edge load balancing

- Mobile Applications
- Commerce Services
- Media Distribution Apps
- ISV / Solution Providers



Secure global internet services

Secure applications at the edge to optimize app reliability, cost and reputation

- Commerce Platforms
- Financial Services
- Healthcare
- Enterprise LOB Apps

Azure Front Door

Modern cloud CDN that delivers optimized experiences to users anywhere



Modern Architecture

Transform any app from any origin into internet-first architecture



Fast Global Delivery

Accelerate dynamic and static content with a simplified cost model



Intelligent Security

Seamlessly attached security protection and analytics



Fully Configurable DevOps Tools & APIs

Microsoft Global Network _____

Enterprise-grade global private network operated by Microsoft supporting Azure, Office 365, Xbox, Bing and more



Transform any app from any origin into internet-first architecture



Build modern internet applications that scale with a deeply integrated experience



Simplify application architectures with a single, secure global entry point

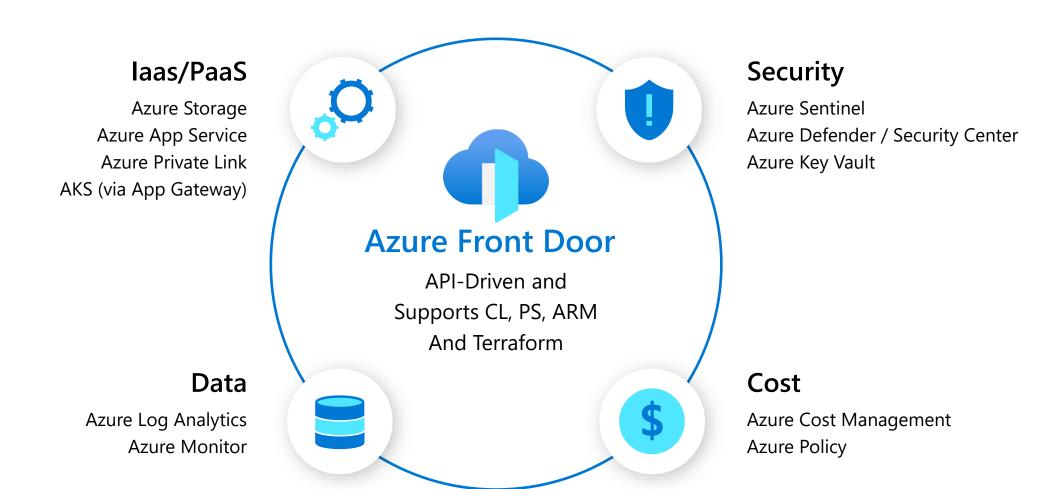


Automate and streamline deployment with cloud-native, developer friendly tools



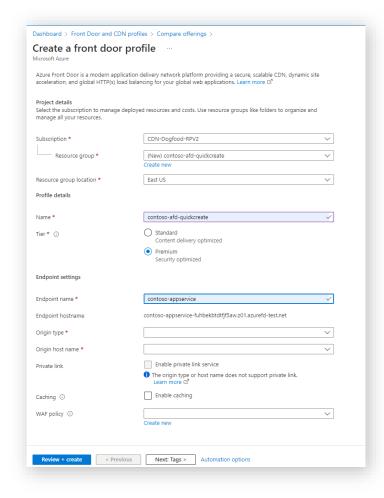
Improve visibility and manageability with a single pane of glass and global control

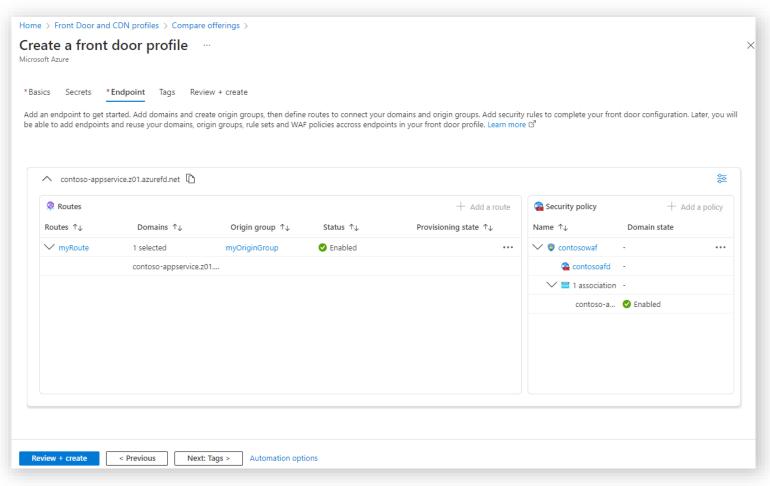
Azure Front Door native integrations with Azure Services



Simplified deployment and full automation

Guided steps and automation to scale and secure your apps quickly and easily



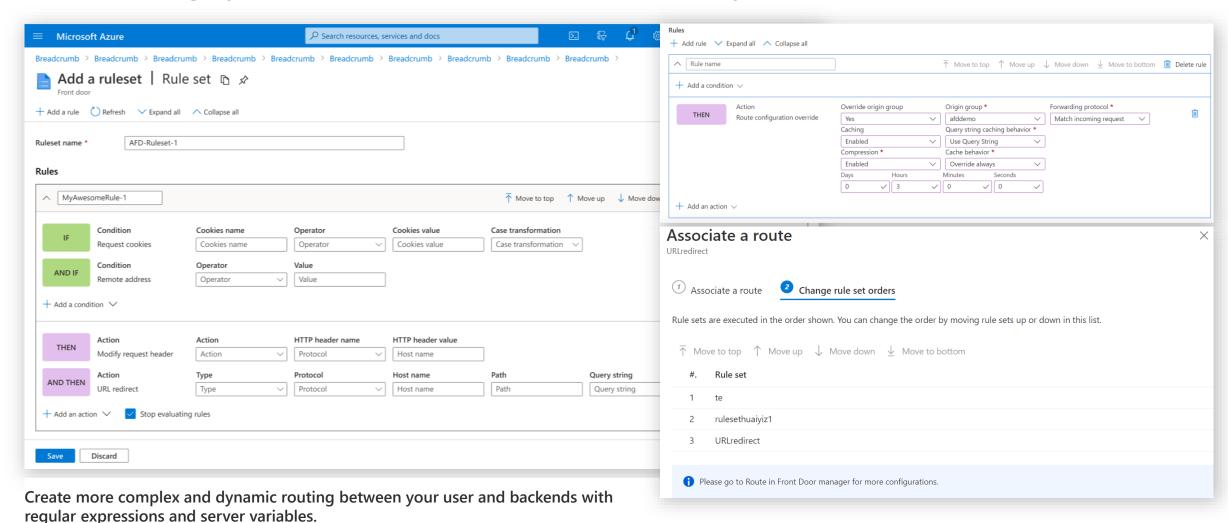


Quick Create

Full Create

Enhanced customization at the edge

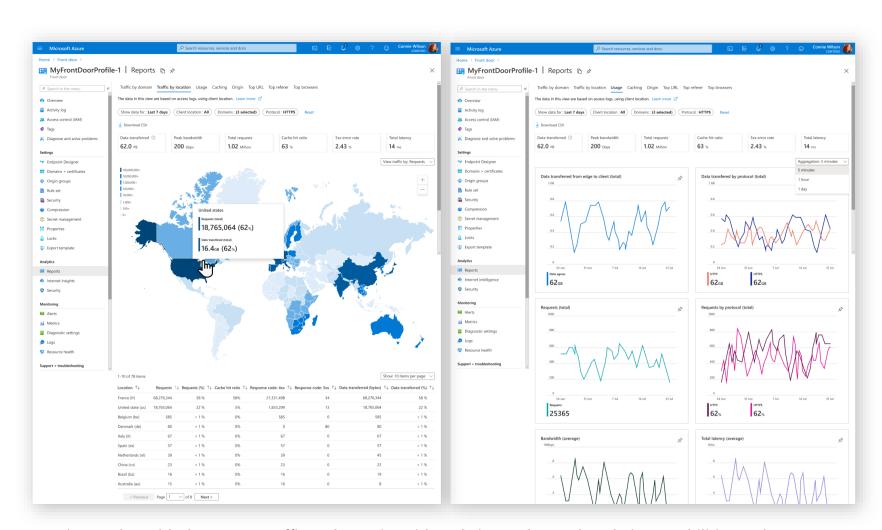
The custom logic you need to deliver content how and where you need



©Microsoft Corporation Azure

Advanced Analytics

A single pane of glass for real-time & granular data – understand everything from your security policies to how customers are experiencing your service.



Monitor and troubleshoot your traffic and security with real-time, advanced analytics capabilities such as access logs, health probe logs, pre-built reports, and additional metrics



Accelerate dynamic and static content with a simplified cost model



Accelerate apps and content to users wherever they are



Improve app reliability and scale by leveraging a global, private network



Optimize forecasting and costs with simple and predictable pricing model

Global scale private dedicated CDN network

60+ Azure regions

165k+ miles of fiber + subsea cables

185+ Network Edge sites

500+ Network partners

20k+ Peering connections



Azure Front Door first party adoption

80% of Microsoft 1st Party SaaS runs on Front Door

Build on the proven platform used to power reliable and fast global services at Microsoft that instantly scale on demand

Azure's content delivery network enables Bing to operate at scale with competitive performance while also scaling agile development across many independent microservices.

Azure's massive capacity, an expansive network backbone, rich peering and strong stance on security improved LinkedIn's availability, reduced median page load times by over 25%

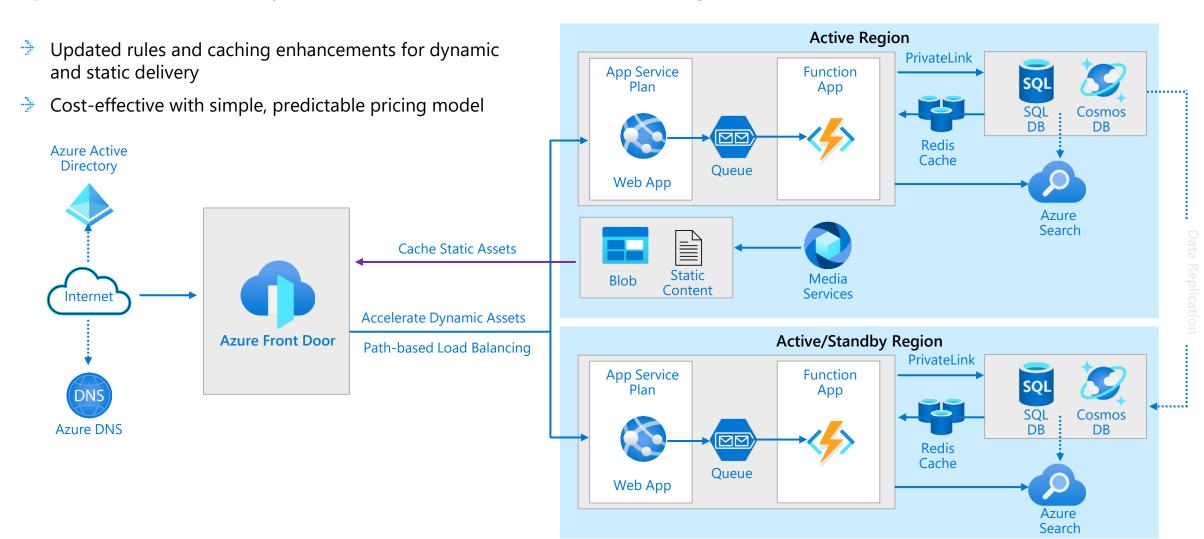




Read about LinkedIn's story migrating to Azure Front Door

Unified static and dynamic delivery

Optimized static and dynamic content acceleration for a single domain



Transparent, simple and easy to consume pricing

Standard and Premium tiers

- Four meters:
 - Base (billed on per hour used)
 - Egress (\$/GB)
 - Ingress
 - Request (RPS)
- Further discounts with larger commitment levels

Bundle Composition includes:

- Low entry /fixed price Includes level of usage (egress / requests)
- Egress Fee Tiered egress rates. Seven tiers suggested
- Request / DTI Fee Secondary meters (Requests and Ingress)

Azure to Front Door data transfer out now included in Azure Front Door Standard & Premium tiers

Check out **Azure Front Door pricing page** for more details

Min Entry Commit

~\$35 per month Standard tier

~\$330 per month Premium tier

Primary meter

Egress Fee:

Example N. America

(same price for Standard and Premium)

Tier	\$/GB
First 10TB	\$0.0825
Next 40TB	\$0.0650
Next 100 TB	\$0.0560

Secondary meter

RPS and DTI:

- Price protection for non-standard use cases
- Request fees captures dynamic heavy traffic
- Ingress fee for reverse CDN use cases



Seamlessly attached security protection and analytics



Embrace a zero-trust model by accessing your origins privately

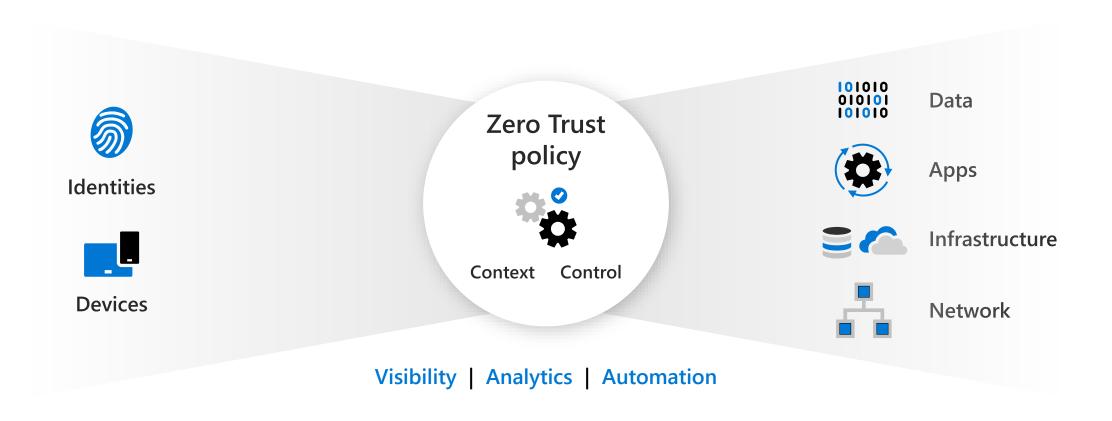


Boost detection and responsewith threat intelligence from Microsoft



Integrate seamlessly with Azure Security services

Securing your organization with Zero Trust

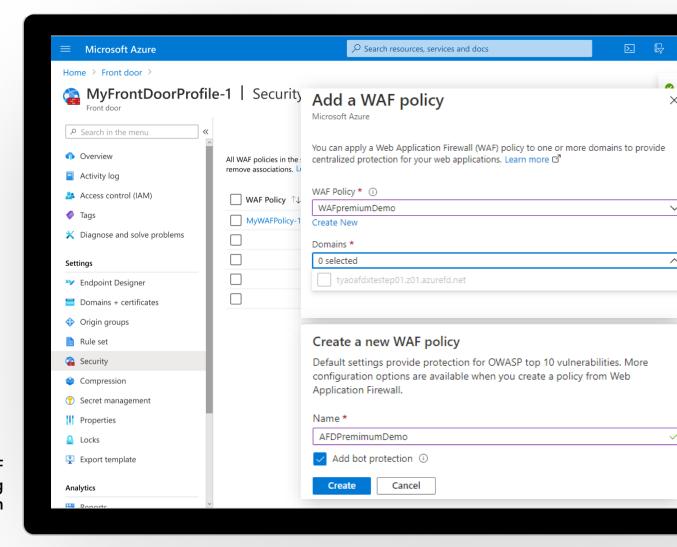


Best-in-class security seamlessly attached

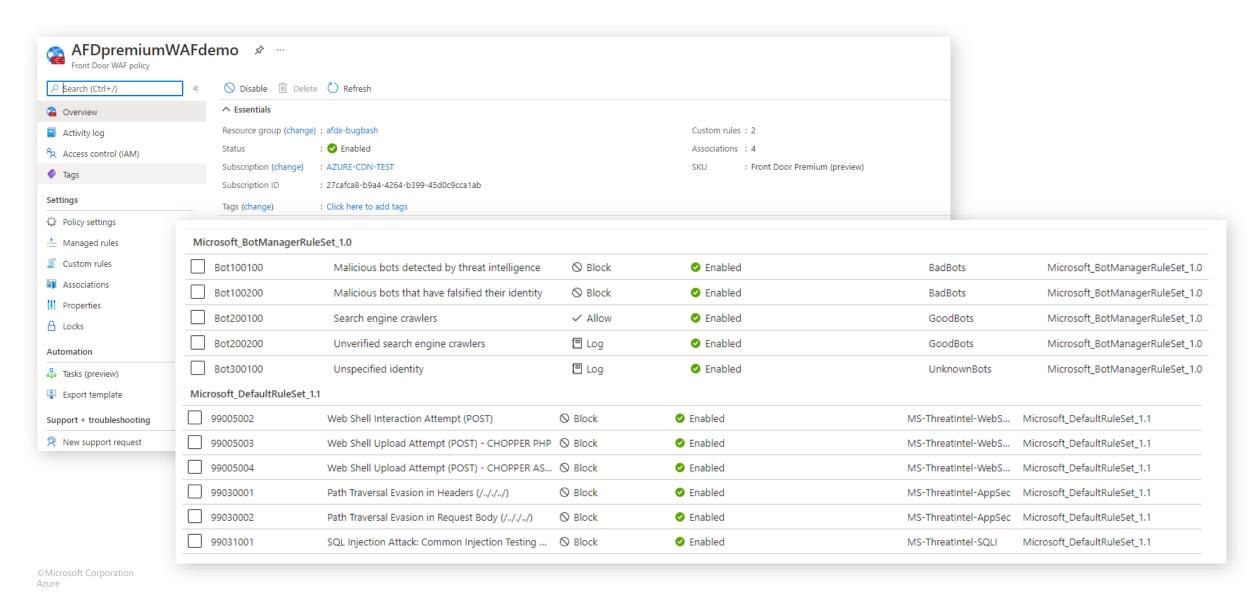
Protect your digital estate in a few clicks with WAF, Bot, and DDoS protection

- WAF managed rulesets to protect applications against OWASP top 10 vulnerabilities with DRS 2.0 ruleset
- Custom WAF rules for application specific protection
- Bot rules (Bad/Good) sourced from Microsoft Threat Intelligence
- Built-in DDoS protection
- Advanced security reports, metrics, and logs

Easily create a new WAF policy or apply an existing one to a domain

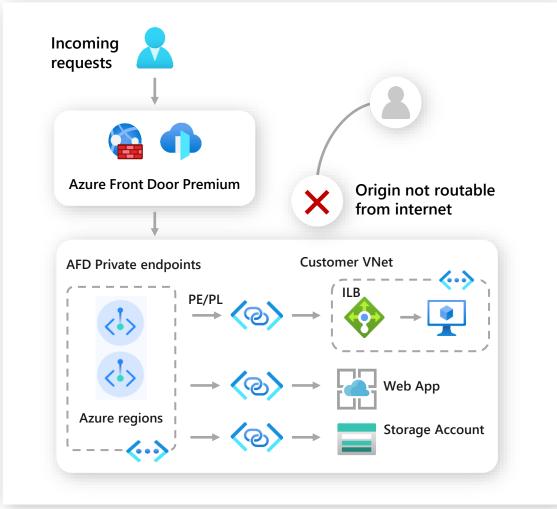


Leverage Microsoft Threat Intelligence to protect applications

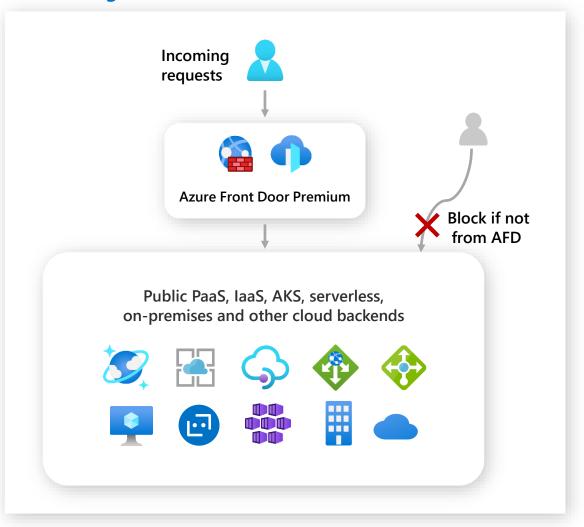


Azure Front Door Premium Origin Protection

Private origins in Azure via Private Link service



Public origins via IP and header restriction



Azure Front Door

Modern Cloud CDN with Intelligent Threat Protection



- Fully REST API driven to automate and streamline deployment
- Tight integration with Azure services including App Service, Storage, API Manager, App Gateway and Azure Sentinel
- Customizable rules for advanced routing
- Advanced analytics to monitor traffic and security in real time



- Low latency, high throughput content delivery from cloud or on-prem to global users
- Built on Microsoft massively-scaled private global network
- Supports static/dynamic content caching, file, OTT and video on-demand
- SSL offload and dynamic app acceleration at the edge close to user
- Simplified cost model with fewer meters to plan for



- WAF, DDoS and Bot Manager protection
- Azure Private Link support to access resources securely
- Powered by Microsoft Threat Intelligence



Use Azure Front Door to accelerate content delivery securely and at scale

Get started today



Use Azure Front Door as part of a Zero-Trust approach to security



Learn more about Azure Front Door aka.ms/azurefrontdoor



Thank you.

