



Secure, high-performance content delivery from edge to cloud

F5 Distributed Cloud Content Delivery Network (CDN) accelerates application delivery by caching content close to users on a high-performance global network. Enable your CDN in minutes with one-click activation to immediately improve page-load performance—and take advantage of native integration with F5 web app and API protection and the F5 Application Delivery and Security Platform (ADSP).



Key benefits

Accelerate user experiences

Realize a 50–80% improvement in page-load speeds by serving cacheable content from the closest edge location.

Reduce origin load and delivery cost

Offload cacheable requests so fewer calls hit origin infrastructure, lowering compute demand and reducing cloud egress data transfer costs.

Gain predictable control and agility

Use smart defaults plus granular cache controls and sub-1 minute global cache purge to keep content fresh while maximizing cache efficiency.

Unify delivery and security

Distributed Cloud CDN is tightly integrated with F5 web app and API protection to enhance security and provide consistent protection from the same control plane.

Modern enterprises need CDN to protect user experience—and control delivery cost

Without a CDN, every user request travels to the origin, increasing latency and driving up infrastructure and data transfer costs. Even small amounts of latency can turn users away, leading to noticeable drops in sales and conversions. Slow sites also harm SEO and click-through rates, especially as modern search experiences increasingly prioritize performance.

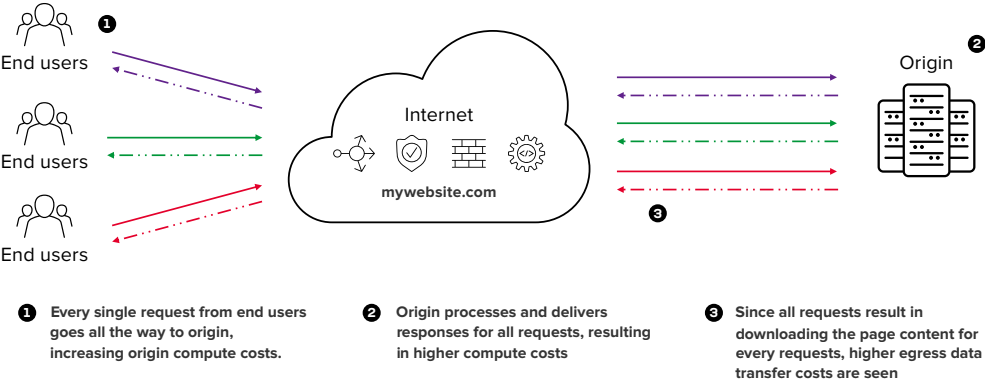


Figure 1: When every user request travels to the origin, web application performance suffers compute and data transfer costs skyrocket.

There is a lot of good news, though. A vast majority of modern web content is cacheable and static, including highly dynamic pages. The challenge is enabling CDN quickly, with predictable caching outcomes, the right controls, and visibility into what’s cacheable, all without creating new operational burden.

F5® Distributed Cloud CDN is designed to support modern web applications with operational simplicity and deep observability. For customers who want to consolidate delivery and security, Distributed Cloud CDN is tightly integrated with F5 web app and API protection (WAAP) for consistent policy enforcement without forcing any architectural trade-offs.

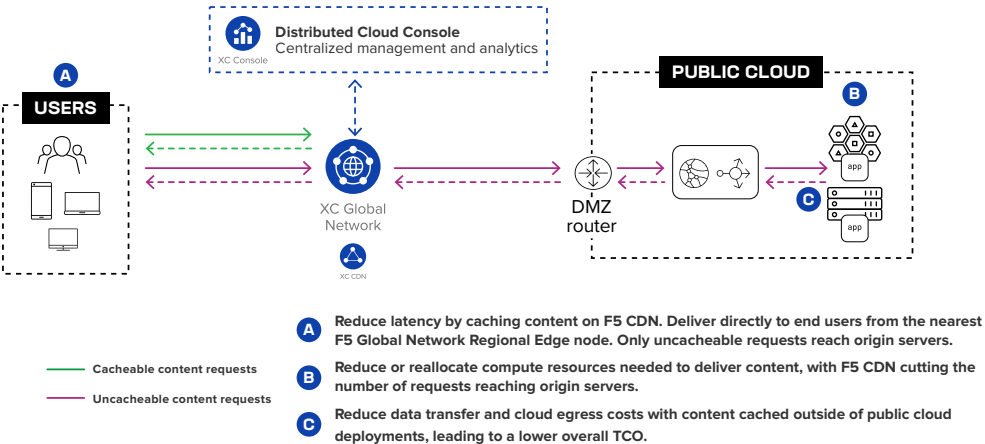


Figure 2: Distributed Cloud CDN accelerates app delivery to end users, reducing origin server load and cutting egress costs and load times.

Key features

Single-click acceleration

Activate CDN on applications in minutes with one-click enablement directly in an HTTP load balancer.

Predictable caching benefits

See how much traffic and data is cacheable to estimate offload and potential savings—and identify cache-busting patterns early.

Granular cache controls

Tune cache policies across paths, query parameters, headers, and cookies, with reusable centralized cache policies for consistency.

Rapid instance purge

Purge CDN cache globally in under 1 minute from a single console to support fast updates, rollbacks, and content corrections.

Global footprint and observability

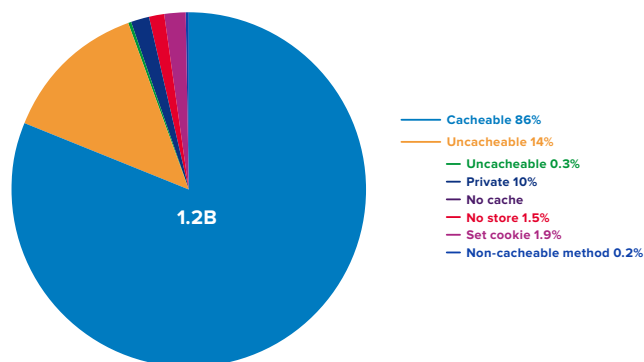
Deliver content worldwide via the F5 Global Network, with unified dashboards/log traces for end-to-end visibility into cache hits/misses, latency, and bandwidth.

Turn on CDN in minutes, optimize continuously, and scale globally

Distributed Cloud CDN is a direct lever for improving revenue outcomes and brand experience. With such a large percentage of modern web page content being cacheable, Distributed Cloud CDN delivers faster experiences by serving cacheable content from the edge, which can translate into better engagement, improved SEO rankings, higher click-through rates, and lower abandonment rates. All while also reducing origin infrastructure strain.

For technical teams, Distributed Cloud CDN is designed to be easy to adopt and optimize over time. Teams can use cacheability insights to quantify potential offload and identify cache-busting patterns (headers, query parameters, cookies) that prevent caching, and then turn on Distributed Cloud CDN in minutes with one-click activation in an HTTP load balancer. Flexible caching controls let you enable caching broadly or selectively per route, so you can accelerate the right applications and endpoints without forcing all traffic through a single architecture. With granular cache controls and reusable policies across multiple CDN deployments, teams can tune cache keys and TTLs to maximize hit rates while protecting sensitive or highly dynamic paths.

Figure 3: Distributed Cloud CDN enables teams to clearly see the volume of cacheable traffic passing through a load balancer.



Distributed Cloud CDN also supports stronger operational resilience and agility. By offloading cacheable requests to the edge, organizations reduce origin load and lower the risk of load-related failures, while also cutting cloud egress data transfer costs by serving more content from the CDN rather than the origin. When content needs to change quickly, rapid global cache purge in under 1 minute improves business responsiveness—supporting fast rollbacks, pricing corrections, and content updates without long propagation delays. Finally, end-to-end observability (cache hits/misses, bandwidth, latency trends, and detailed request traces) helps teams continuously improve performance and cost efficiency with shared visibility across stakeholders.

As part of the broader F5 ADSP, Distributed Cloud CDN can be deployed as a standalone performance solution or enabled hand in hand with F5 WAAP for unified delivery and security. You can also deploy security separately from Distributed Cloud CDN to keep private application traffic segmented from public traffic, enabling you to consolidate traffic where it makes sense.

Enhance outcomes with ease using Distributed Cloud CDN

Distributed Cloud CDN helps enterprises deliver faster, more reliable digital experiences by serving cacheable content from the edge. This results in reduced latency, lower origin load, and reduced cloud egress costs. With a sizable amount of today's web content being cacheable, Distributed Cloud CDN can make a measurable impact on performance and business outcomes.

Turn it on in minutes with one-click activation, optimize with cacheability insights and end-to-end observability, and stay agile with sub-1-minute global cache purge. With Distributed Cloud CDN, you can improve user experiences and operational efficiency without adding complexity.

[See how](#) Distributed Cloud CDN works with a free trial.

[Find out how](#) F5 products and solutions can enable you to achieve your goals.

