

Fast DNS for Games

DNS resolution that is fast, reliable, and secure



Every player expects instant, secure, reliable access to your game, wherever they are, on any device. The Domain Name System (DNS), which translates human-readable domain names into numerical IP addresses, is a critical component in delivering a faster online experience for your players.

BENEFITS TO YOUR BUSINESS

- **Guarantee 24/7 availability** by leveraging Akamai's scalable, globally distributed platform
- **Achieve faster, more reliable resolution** with zone apex mapping and thousands of servers worldwide
- **Defend against DDoS attacks** with the capacity to absorb them and maintain user access
- **Prevent DNS forgery and manipulation** with Akamai DNSSEC (optional add-on)
- **Simplify DNS infrastructure management** with Akamai's Luna Control Center and open APIs
- **Control costs** with pricing based on the number of zones, not requests

Despite its importance to performance, many organizations under-deploy DNS infrastructure, often relying on just two or three DNS servers. This approach leaves them vulnerable to data-center outages as well as Distributed Denial of Service (DDoS) attacks.

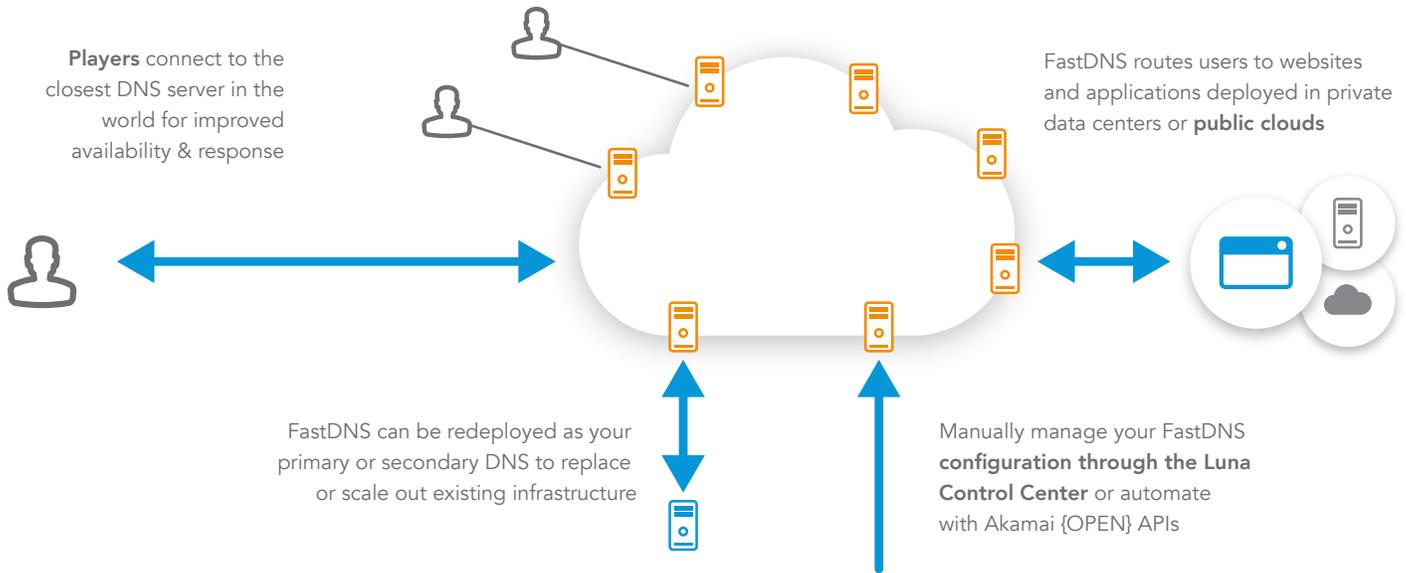
Fast DNS

Fast DNS is a cloud-based DNS solution that provides 24/7 availability, improves DNS responsiveness, and has the resilience to defend against the largest DDoS attacks. Built on a globally distributed anycast network, it can be implemented as a primary or secondary DNS service, replacing or augmenting existing DNS infrastructure as needed.

We've built a highly sophisticated trading and order execution platform that can be used globally, so it is extremely important that our system is accessible around the clock. Akamai helps us ensure that we have powerful security against web attacks as well as important optimization capabilities to enhance overall performance. Having the right 'protect and perform' strategy in place is critical when your entire business exists online.

— Rich Teo, CEO, itBit





Capabilities

- High Availability** — Leverage Akamai’s Intelligent Platform™, with thousands of DNS servers in hundreds of points of presence worldwide, to provide a high level of DNS service availability. Fast DNS comes with a 100% uptime service level agreement (SLA), providing you with confidence that your customers and employees can connect to your website and application servers.
- Fast Responses** — Direct users have access to a high-performing DNS server based on network conditions to improve responsiveness of your DNS infrastructure. The globally distributed anycast network accelerates DNS resolutions for users connecting to your sites and applications from anywhere in the world, and zone apex mapping reduces DNS lookup times even further for properties on Akamai’s Intelligent Platform for an additional web application performance boost.
- Defense Against DDoS Attacks** — Protect against DDoS attacks that disrupt game servers. Fast DNS provides a highly-scalable DNS platform with the capacity to absorb the largest DDoS attacks, while responding to legitimate user requests, so you can maintain optimal online player experiences, even when you are under attack.

The Akamai Ecosystem

Akamai makes the Internet fast, reliable and secure. Our comprehensive solutions are built on the globally distributed Akamai Intelligent Platform™, managed through the unified, customizable Luna Control Center for visibility and control, and supported by Professional Services experts who get you up and running easily and inspire innovation as your strategies evolve.

