

# Improve your website performance, security, and availability



**Everyone connected to an enterprise – customers, employees, and partners – expects instant, highly-secure, reliable access to your website, 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 web experience for your website visitors and application users.

Despite its importance to website and application performance, many organizations under-deploy DNS infrastructure, often relying on just two or three DNS servers. This approach leaves you vulnerable to data center outages as well as distributed denial of service (DDoS) attacks.

## Potential benefits

- Enhanced 24/7 availability by utilizing the AT&T Content Delivery Network and its scalable, globally distributed platform
- Achieve faster, more reliable resolution with zone apex mapping and thousands of servers worldwide
- Enhanced defense against DDoS attacks with the capacity to absorb malicious traffic and maintain user access
- Enhanced protection against DNS forgery and manipulation with DNSSEC (optional add-on)
- Simplify DNS infrastructure management with our Control Center portal and open APIs
- Control costs with pricing based on the number of zones, not requests

## Edge DNS

Edge DNS is a cloud-based DNS solution that provides 24/7 DNS 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.

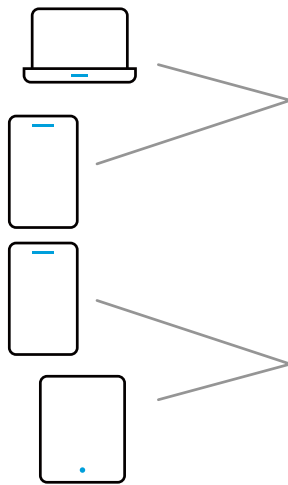
## Capabilities

- **High availability:** Use AT&T Content Delivery Network, with thousands of DNS servers worldwide, to provide a high level of DNS service availability. Edge 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 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 can reduce DNS lookup times even further for an additional web application performance boost.
- **Enhanced defense against DDoS attacks:** Protect against DDoS attacks that target DNS infrastructure to disrupt websites and application servers. Edge DNS provides a highly scalable DNS platform with sufficient capacity to absorb large DDoS attacks while responding to legitimate user requests, so you can maintain user access to faster online experiences even when you are under attack.

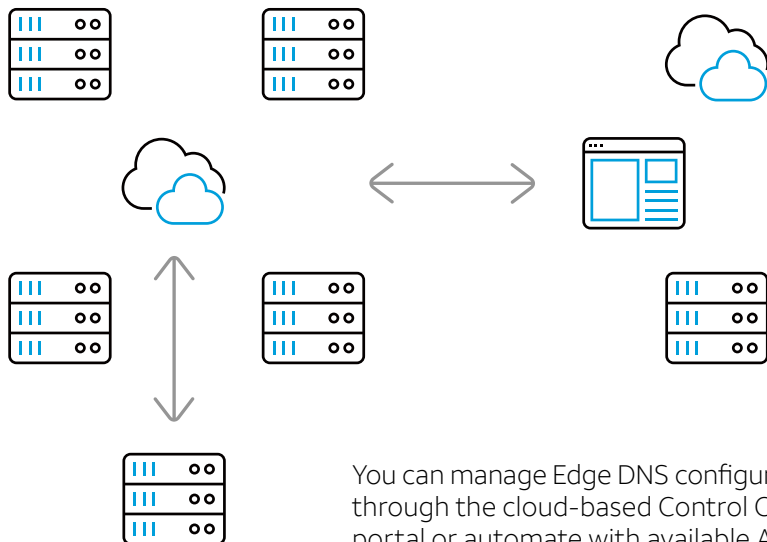
## How it works

Users connect to the closest DNS server in the world for improved availability and response



Edge DNS can be deployed as your primary or secondary DNS to replace or scale out existing infrastructure

Edge DNS routes users to websites and applications deployed in private data centers or public clouds



You can manage Edge DNS configurations through the cloud-based Control Center portal or automate with available APIs

For more information, contact an AT&T Representative or visit [att.com/cdn](https://att.com/cdn).