

Fact sheet

Domain Name System (DNS)



Fast, secure, reliable DNS

Integrated into our world-class content delivery network, Verizon's DNS ensures that users can reach your website quickly and reliably.

Key benefits

Global network and scale

Our DNS is available across the globe. Built entirely on IP Anycast technology, it allows you to resolve DNS queries with the highest reliability.

Ensure your website can always be found

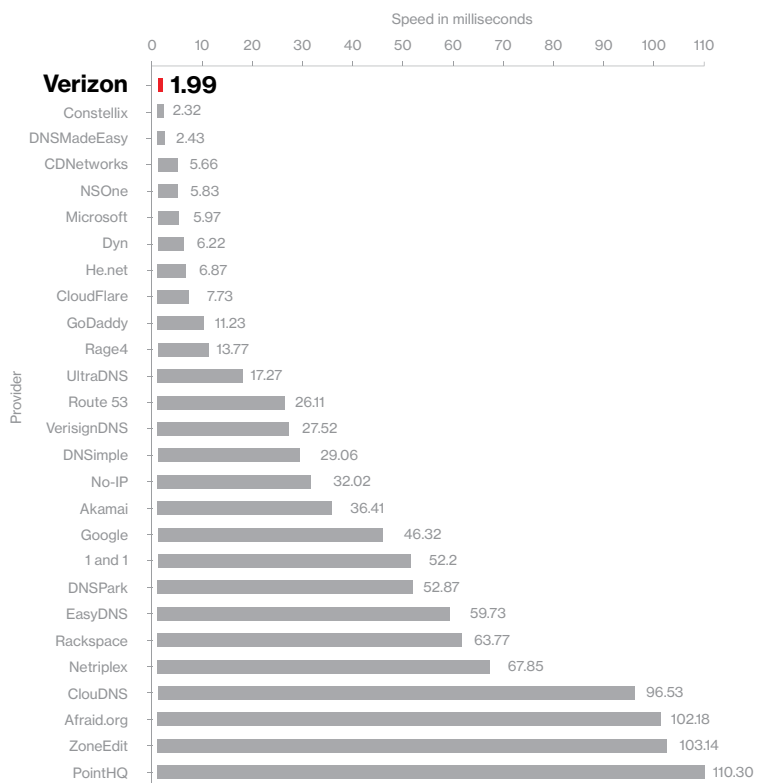
We have built one of the world's largest and most robust DNS services with multiple redundancy and failovers. This ensures that we provide you with always-available DNS so that users can always reach your website.

Boost web application performance

DNS is frequently used within web applications when making calls to services, such as databases and external storage. Our DNS helps reduce the time it takes to resolve such calls and improve the performance of your web applications.

DNS speed comparison report

According to [SolveDNS](#) as of November 2017.



DNS speed comparison report

SolveDNS, a leading DNS testing and analytics tool, ranks Verizon's DNS as one of the fastest on a regular basis.

[Click here](#) for the latest results.

Feature highlights

Industry-leading DNS speed

- Built with IP Anycast technology to resolve DNS queries quickly and accurately
- Intelligent routing to ensure queries are sent to the optimal server and data center
- Powered by our Edgecast CDN

Advanced security

- Built-in DNS DDoS (distributed denial-of-service) protection
- Immune to common vulnerabilities of BIND-based recursive DNS servers
- Supports DNSSEC (Domain Name System Security Extensions) to prevent cache poisoning
- Configured as authoritative DNS server
- A key component of our comprehensive Cloud Security Solution

Customer-centric support

- 24 x 7 x 365 U.S.-based phone support with Network Operations Center engineers answering the phone, not call-center operators
- Dedicated, result-oriented service aimed at providing insight and assistance
- Expert professional services augment your staff in times of need with dedicated solution engineers and technical account managers

Scalability and reliability

- Global footprint with 70+ DNS points of presence (PoPs) around the world
- Fully RFC compliant, with support for primary and secondary DNS
- Supports advanced features, such as health checks, load balancing, failovers and RESTful API

Comprehensive features

When you select our DNS, you get a fast, reliable and feature-rich product that meets your specific business needs.

Authoritative service	Standard routing	Advanced security features
Configured as authoritative DNS server	Based on IP Anycast protocol	Easy-to-use management console with a wide range of self-service options
Support for both primary and secondary DNS	Globally distributed network with 70+ DNS PoPs (points of presence)	Server software not based on BIND
DNS record types supported	Intelligent geo-based routing to send queries to the most optimal server	GRE (Generic Routing Encapsulation) support
A (IPv4)	DNSSEC record types supported	TSIG (Transaction SIGNature) support
AAAA (IPv6)	DNSKEY (DNS Public Key)	Health checks
CNAME (Alias)	RRSIG (Resource Record Signature)	Configurable health-check time interval
MX (Mail Exchange)	NSEC (Next Secure Record)	Support for HTTP/S GET, HTTP/S POST or TCP/IP SSL requests
SOA (Start of Authority)	NSEC3 (Next Secure Record V3)	Integrated into Zone Management system interface
SPF (Sender Policy Framework)	NSEC3PARAM (Next Secure Record V3 Parameter)	Built-in DNS DDoS protection
SRV (Service Locator)	DS (Delegation Signer)	Integrated DDoS protection with our Edgecast CDN
TXT (Text)	DLV (DNSSEC Lookaside Validation)	Protection against DNS UDP (User Datagram Protocol) flood attacks
Support	Adaptive availability traffic management	Protection against DNS amplification attacks
24 x 7 x 365 U.S.-based support from real engineers, not call-center agents	Load balancing	
Support located in our HQ office with direct access to product engineers	Failovers	
Flexible managed services tailored to your needs		

Contact us for a free proof of concept to demonstrate how we can tailor our DNS to your needs.

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