Authoritative DNS

Fast, secure, reliable DNS

Integrated into our world-class delivery network, Verizon's Authoritative 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 Domain Name System (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.
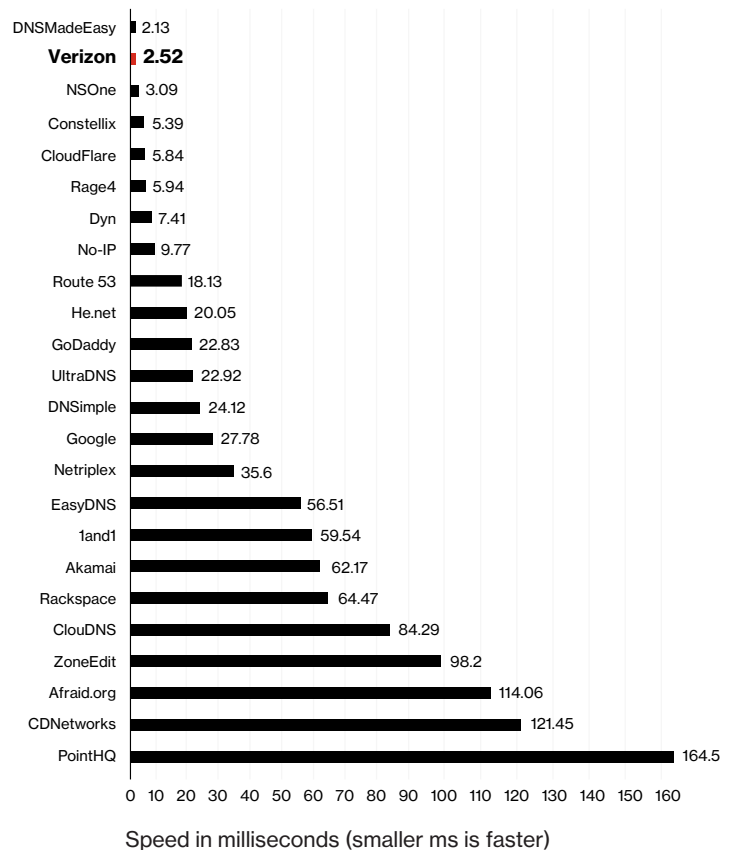
DNS speed comparison report

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 ❯

DNS speed comparison report

According to SolveDNS as of August 2020:[1]

Provider	Speed (ms)
DNSMadeEasy	2.13
Verizon	**2.52**
NSOne	3.09
Constellix	5.39
CloudFlare	5.84
Rage4	5.94
Dyn	7.41
No-IP	9.77
Route 53	18.13
He.net	20.05
GoDaddy	22.83
UltraDNS	22.92
DNSimple	24.12
Google	27.78
Netriplex	35.6
EasyDNS	56.51
1and1	59.54
Akamai	62.17
Rackspace	64.47
ClouDNS	84.29
ZoneEdit	98.2
Afraid.org	114.06
CDNetworks	121.45
PointHQ	164.5

Speed in milliseconds (smaller ms is faster)

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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 delivery network

Advanced security

- Built-in DNS distributed-denial-of-service (DDoS) protection

- Immune to common vulnerabilities of Berkeley Internet Name Domain (BIND)-based recursive DNS servers

- Supports Domain Name System Security Extensions (DNSSEC) to prevent cache poisoning

- Configured as authoritative DNS server

- A key component of our comprehensive cloud security solution

Customer-centric support

- 24/7/365 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) in six different continents

- Fully RFC compliant, with support for primary and secondary DNS

- Supports advanced features, such as health checks, load balancing, failovers and RESTful application programming interface (API)

Feature highlights

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

Authoritative service

Configured as authoritative DNS server

Support for both primary and secondary DNS

DNS record types supported

A (IPv4)

AAAA (IPv6)

CNAME (Alias)

MX (Mail Exchange)

SOA (Start of Authority)

SPF (Sender Policy Framework)

SRV (Service Locator)

TXT (Text)

Support

24/7/365 U.S.-based support from real engineers, not call-center agents

Support located in our HQ office with direct access to product engineers

Flexible managed services tailored to your needs

Standard routing

Based on IP anycast protocol

Globally distributed network with 70+ DNS POPs (points of presence)

Intelligent geo-based routing to send queries to the most optimal server

DNSSEC record types supported

DNSKEY (DNS Public Key)

RRSIG (Resource Record Signature)

NSEC (Next Secure Record)

NSEC3PARAM (Next Secure Record V3 Parameter)

DS (Delegation Signer)

DLV (DNSSEC Lookaside Validation)

Adaptive availability traffic management

Load balancing

Failovers

Easy-to-use management console with a wide range of self-service options

Server software not based on BIND

GRE (Generic Routing Encapsulation) support

TSIG (Transaction SIGnature) support

Health checks

Configurable health-check time interval

Support for HTTP/S GET, HTTP/S POST or TCP/IP SSL requests

Integrated into Zone Management system interface

Built-in DNS DDoS protection

Integrated DDoS protection with our CDN (content delivery network)

Protection against DNS UDP (User Datagram Protocol) flood attacks

Protection against DNS amplification attack

To learn more about DNS, visit enterprise.verizon.com/ support/sales/

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