NS1.

NS1 Managed DNS

NS1 Managed DNS is a cloud-hosted SaaS solution that provides global authoritative DNS services for some of the world's largest, most complex, and most critical websites and internet applications.

Our highly performant and resilient global DNS infrastructure enables enterprise customers to deliver consistently fast, reliable, and secure application experiences at scale to customers worldwide.

With our modern API-driven approach to DNS, our customers can improve automation and IT efficiency by making DNS management a seamless part of their DevOps and NetOps practices and toolsets.

NS1 supports diverse and distributed application infrastructures that span the data center, cloud, and edge. As a result, our customers can reduce the complexity of migrating and expanding application delivery footprints to meet business needs.

NS1 Managed DNS is a cornerstone of NS1's portfolio of application traffic automation and intelligence solutions. NS1 delivers the Managed DNS solution alongside intelligent application traffic steering and cloud-native DDI services on our unified platform, NS1 Connect. This unparalleled approach allows our customers to accelerate digital innovation while streamlining operations.

DO MORE WITH DNS

Take DNS to the cloud

Leave behind outdated, appliance-based DNS products that require significant CAPEX and overhead to deploy, manage, and secure. Instead, our SaaS-based DNS delivers a highly performant, highly available cloud-native solution. We built Managed DNS to scale globally, extend through open APIs, and withstand cyber threats, all while saving you time and money.

Gain resilience

When your business depends on your internet-connected applications and websites to be always available, reliable, and secure, you can't afford downtime due to DNS failures. Relying on your cloud, internet, or web hosting provider for DNS leaves you vulnerable. With NS1, you gain an independent, industry-leading managed DNS service that delivers enterprise-grade performance, security, and full DNS redundancy.

Modernize and automate

When you accelerate application delivery through DevOps and NetOps automation, you can unlock new business opportunities faster than your competitors. NS1 provides a modern DNS foundation for your application delivery stack, one that's built on an API-first architecture and integrated with popular DevOps and IaC tools. So, you can eliminate DNS bottlenecks and, instead, programmatically deploy and configure DNS as a seamless part of your application delivery pipeline.

Performance
NS1 consistently ranks among the world's fastest managed DNS providers

Resilience
100% DNS resolution availability maintained during major DDoS attacks

Internet Scale
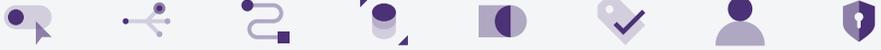1+ trillion DNS queries per month traverse our 26 global PoPs

Modernization
Zero downtime, painless migration from legacy DNS services

Efficiency
Up to 75% less time spent on DNS compared to legacy software

Key Features & Benefits

Global DNS Infrastructure
Built on the industry's most advanced global anycast network, NS1 provides highly performant primary and secondary authoritative DNS from 26 points of presence worldwide.

100% DNS Resolution SLA
Our highly resilient infrastructure ensures 100% DNS resolution so you can have confidence that your applications are always available.

DNS Redundancy
An add-on service, NS1's Dedicated DNS provides a single-tenant, physically and logically separated network for DNS resolution while maintaining a unified management plane so that you can realize DNS redundancy without the complexity and limitations of dual providers.

Immediate DNS Propagation
When you make DNS updates in NS1 Connect they are pushed to our edge nodes in seconds, helping you keep pace with today's highly dynamic application delivery environments.

Security and DDoS Resilience
NS1 takes a multi-pronged approach to DNS security to safeguard against large-scale DDoS attacks. We monitor our global infrastructure 24x7 and hold SOC 2 Type 2 certification.

DNSSEC without compromise
Online DNSSEC signing allows you to protect the integrity of DNS responses without compromising on DNS redundancy or application traffic management capabilities.

Query Reporting
See real-time and historical query usage for each zone.

Managed DNS for China
An add-on service, our global DNS network includes locations within Mainland China and provides nameserver acceleration to overcome performance challenges related to the "Great Firewall."

NS1-Specific Record Types
Alias records simulate a CNAME record at the zone apex. Linked records reuse advanced configurations from existing NS1 records. URL forwarding redirects traffic to customer-designated sites based on the full incoming URL.

EDNS client subnet
NS1 supports geolocation routing based on the end user's IP address, enabling more precise and accurate control over user routing.

There's so much more to discover

NS1 leverages DNS to enable intelligent application traffic steering in ways that no other provider can. Learn more about how you can take NS1 Managed DNS to the next level with NS1 Global Traffic Management and Pulsar® Active Traffic Steering solutions to enable global load balancing, automatic failover, multi-CDN and multi-cloud orchestration, and more.

Delivered on NS1 Connect®

NS1 delivers our portfolio of application traffic automation and intelligence solutions through our unified delivery platform, NS1 Connect. The cloud-based platform gives modern application delivery and networking teams the visibility, control, and automation they need to build and deliver application experiences everywhere they operate. NS1 Connect unites teams through a single user experience, secure cloud portal with role-based access controls, API, ecosystem integrations, and more. Learn more about NS1 Connect at **www.ns1.com**

About NS1

The internet and applications powering our world depend on NS1. Billions of people connect to work, school, entertainment, healthcare and stay informed because of the company's innovative technology. As an ally for innovators, NS1 helps our customers turbocharge their ideas in pursuit of building the better future through connecting applications and audiences at the distributed edge. NS1's application traffic intelligence and automation portfolio makes applications faster, reliable and secure everywhere. With technologies for cloud-native network services, edge to cloud networking, and application traffic optimization, NS1 helps eliminate the barriers between applications, users, infrastructure and data. NS1 has more than 725 customers across the globe such as Dropbox, Fox, Salesforce.com, LinkedIn, and Ebay.

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