

NS1 Dedicated DNS

NS1 Dedicated DNS enables fully redundant managed DNS services without the complexity and limitations of a multi-provider configuration. As an extension of our Managed DNS service, NS1 Dedicated DNS provides a physically and logically separated network with single tenancy. It is delivered alongside NS1 Managed DNS on NS1 Connect, so you can configure and manage both networks from a single cloud portal and API.

With NS1 Dedicated DNS, you can quickly gain resilience at a global scale without introducing separate primary and secondary DNS providers - an architecture that can increase management overhead and introduce interoperability challenges in traffic steering, load balancing, and DNS security.

KEEP YOUR APPLICATIONS ALWAYS ONLINE

In today's digital-first world, keeping your application online is paramount to business success. If your DNS service is unavailable, your application is unreachable, which can directly impact your revenue, productivity, or reputation. This is why DNS redundancy is now a must-have for modern enterprises.

NS1 provides an efficient, streamlined way to realize DNS redundancy on a global scale. NS1 Dedicated DNS is delivered and managed side-by-side with our Managed DNS network across our global DNS footprint. So, you can quickly and easily realize DNS redundancy to meet your resilience needs while maintaining streamlined operations.

Gain resilience without compromise

Approaching DNS redundancy with two different DNS providers often involves tradeoffs in functionality while also adding complexity in cost and management. With separate primary and secondary DNS providers, you must reduce functionality down to the "lowest common denominator," which often means losing out on important performance and security features.

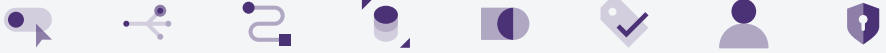
With NS1, you don't need to sacrifice performance and security to gain resilience. Our Managed DNS and Dedicated DNS networks have full feature parity, so you can take advantage of our advanced application traffic steering, automation, and DNSSEC capabilities across all services.

Because the news never sleeps

Learn how NS1 helped The Guardian to build resilience for its global news and media services through DNS redundancy.

[Read the case study here.](#)

Key Features & Benefits



Single Tenant

NS1 Dedicated DNS offers a global, anycast managed DNS service that is dedicated to your organization.

Network Redundancy

A physically and logically separate network, NS1 Dedicated DNS will continue to answer DNS queries if your Managed DNS service is affected by network failures or congestion.

Infrastructure Redundancy

Deployment on separate servers, in different datacenters and with different connectivity mitigates the risk of localized infrastructure failures, power outages and other events.

Single Pane of Glass Management

NS1 Dedicated DNS is delivered side-by-side with our Managed DNS on our unified delivery platform, NS1 Connect, enabling you to maintain all of your DNS zones, records, and policies with a single web console and API.

Designed for Scale and Performance

Design and implementation services from NS1 ensure the service is scaled to meet organizational availability and performance requirements.

Intelligent Application Traffic Steering

Avoid the load balancing and traffic steering limitations of a multi-provider configuration. NS1 enables intelligent application traffic steering without compromise across all NS1 products from a single unified web portal and API.

DNSSEC

The integrity of DNS responses is protected by DNSSEC signing without compromising redundancy. Zones are signed on both the Dedicated and Managed nodes, something not easily accomplished with multiple vendors.

Simplified billing and support

Streamline your vendor management with NS1. Unlike managing multiple DNS providers, NS1 provides a single bill and support point of contact across all products.

Transparent Synchronization

Changes to DNS records are made once and automatically propagated to all Managed and Dedicated DNS nodes.



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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