

Dedicated DNS: A Unique Answer for NS1 Customers

The Challenge of Dual Provider Redundancy

DNS redundancy is complicated for enterprises that rely on advanced routing and traffic management features.

No two providers offer the same set of advanced features.
No two providers implement features in the same way.

Synchronizing features and records between two providers is problematic. The manual effort needed for initial set up and for updates can be costly and a reliability risk.

When providers offer proprietary DNS features, DNSSEC signing across providers breaks down which puts the integrity of tailored DNS responses at risk.

It can also mean foregoing intelligent control over user experience, if enterprises revert to a common denominator feature set.

Dedicated DNS is a complete, turnkey solution to the challenge of redundant DNS. Enterprises gain the reliability of dual provider DNS without having to deal with record management complexity and loss of advanced features.

NS1 takes responsibility for configuring and deploying a second DNS network that is physically separate from NS1's Managed DNS.

Activation and administration could not be any easier. Records are automatically enabled on dedicated nodes from the management portal with a few mouse clicks. Updates are simultaneously transferred to all nodes on both the Dedicated and Managed networks.

Enterprises benefit from two physically separate DNS networks, which are fully synchronized, have the same feature set, and are managed from one pane of glass.

Features



Single Tenant

Global, anycast DNS that is dedicated to a single organization and managed by NS1.

Network Redundancy

Dedicated DNS is not impacted by network failures or congestion on Managed DNS.

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

Maintain your DNS zones, records and advanced traffic management in a single console.

Designed for Scale and Performance

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

Transparent Synchronization

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

Advanced Traffic Management

Feature parity with NS1's Managed DNS platform enables custom traffic management policies to be transparently synchronized.

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

Customers receive one bill from NS1 for both DNS services, simplifying vendor management.

Simplified Support

Single point of contact for all support issues across both the Dedicated and Managed DNS deployments.