



NS1 Products

Converged Application and Access Networking Solutions

Enterprises today are deploying more external and internal applications than ever before. NetOps and DevOps teams need to accelerate delivery of applications, underlying network services and infrastructure as they adopt and integrate new cloud platforms, application architectures, connected devices and operating models.

Solutions that work for traditional “walled” data-centers and centralized networks will have a hard time operating in this new world.

NS1 enables converged application and access networking for cloud-connected enterprises by providing resilient, elastic, intelligent solutions to deploy, connect and deliver external and internal applications and services to customers and employees at global scale.

DNS & Application Traffic Management Solution

NS1 DNS & Application Traffic Management is a SaaS-based offering that includes reliable, secure and scalable managed DNS, software-defined global traffic management with policy-based control, and Pulsar active traffic steering for precise traffic routing.

Enterprise DDI Solution

The NS1 Enterprise DDI Solution is a software based offering that spans DNS, DHCP, IP Address Management, and traffic steering for enterprises looking to modernize their DDI infrastructure. It avoids constraints and complexity of traditional appliance based solutions.

NS1 Professional Services

NS1 Professional Services are delivered by a team of engagement managers and engineers who will closely work with you to design a project plan and systems architecture tailored to your requirements. NS1's Professional Services resources will function as an extension of your teams as they guide you through the onboarding process and arm you with the expertise to operate our solutions.

We deliver a consistent user experience with solutions built on a powerful technology platform providing a uniform user interface, data, APIs and robust integrations. These solutions are backed by world-class technical support and professional services making it easy for you to modernize your infrastructure.

The NS1 Technology Platform

- **Modern UI with intuitive workflows.**

Our platform is designed to get your teams up and running fast. Simple and consistent management UI across internal and external DNS helps your team become productive without a steep learning curve.

- **Performant and Resilient.**

Our platform features a global, high performance, anycasted DNS network along with comprehensive network services. It enables 24/7 availability and fast DNS responses backed by 100% uptime SLA.

- **Built-in Security.**

Our SaaS infrastructure is hardened against DDoS attacks. It also enables easy implementation of DNSSEC through a point and click interface or API implementation along with full traffic management for your signed zones. The simple, powerful user portals are secured through role based access controls and activity logging. The DDI data architecture adheres to zero trust principles.

- **Agile and Automated.**

Our API-first platform helps you accelerate delivery of network and application services by automating routine and cumbersome administrative tasks using powerful and comprehensive APIs that can process high rates of API calls.

- **Built for NetOps and DevOps.**

Our automation framework makes it easy to safely and securely give your NetOps and DevOps teams the autonomy to manage their own updates and minimize change control bottlenecks that can delay deployments by days or even weeks.

- **Flexible, scalable and portable.**

Our SaaS solution can be deployed as your primary DNS or as a dedicated secondary DNS without any platform risk or complexity of dealing with multiple providers. Our enterprise DDI solution is deployed as lightweight virtual instances, making it easy to extend and scale DNS and network services to distributed locations, edge networks and cloud platforms. You can eliminate complexity and save costs by deploying a DNS and DDI solution from the same technology provider across multiple environments - on premises, public cloud, private cloud and SaaS.

- **Optimizes availability, performance and costs.**

Our software-defined traffic management and active traffic steering makes it easy to manage traffic and workloads across your wide area and local networks. Our solutions can make global and local DNS and traffic routing decisions on a variety of data sources including configuration and topology data, internet and intranet data, real user telemetry as well as customer supplied data. The simple policy framework also allows administrators to create complex, granular traffic steering policies to match the specific needs of their business.

- **Fits into your infrastructure.**

Our solutions integrate with a variety of toolkits and solutions, like Terraform, Ansible, Cisco Umbrella, ServiceNow and many more, making them easy to deploy in existing environments.

DNS & Application Traffic Management

Managed DNS

High performance, global, intelligent DNS services with DDOS protection and DNSSEC support. Our solution can be deployed as primary DNS or as dedicated secondary infrastructure without synchronization issues, AXFR setups or translation of traffic management rules between disparate DNS platforms.

DNS for China

Fully managed, authoritative DNS network, with points of presence at Shanghai, Beijing, Qingdao, and Shenzhen. Sub 50ms response times to DNS queries originating in China. Delivers dramatic improvements in DNS performance for all users going to any domain hosted with NS1.

Global Traffic Management

Software-defined traffic management powered by patented, code-free Filter Chain™ technology enables administrators to ensure availability and performance of enterprise applications, web properties, VPN services and more.

Pulsar Active Traffic Steering

Static and real-time data driven routing, customizable decision making logic and support for user defined route maps enables granular traffic steering and precise edge delivery for complex application traffic management requirements like multi-CDN environments, large scale streaming applications, cost optimizations and more.



Enterprise DDI

DNS, DHCP and IPAM

Software-based, automated, integrated DDI delivers network services closest to where they are needed: on premises, edge, private, public and hybrid cloud.

Traffic Steering

Filter Chain™ technology can also be leveraged for steering traffic across internal applications and services to enable canary releases, Web server availability, geo-fencing, geo-targeting, disaster recovery and internal content delivery.

Subscription Licensing

Avoids CapEx-heavy expenditures and hardware maintenance.

DNS & Application Traffic Management Services

		Premium	Advanced	Standard	Basic
Success	Customer Success Manager	Yes	Yes	No	No
	Shared Messaging Workspace	Yes	Yes	No	No
	Strategic Business Reviews	Yes	Yes	No	No
Onboarding	Traffic Cutover Support	Yes	Yes	Yes	No
	Migration Project Management	Yes	Yes	No	No
	Assigned Migration Engineer	Yes	No	No	No
Support	Support Hours	24x7x365	24x7x365	24x7x365	Mon-Fri, 9am-5pm*
	Email Support	Yes	Yes	Yes	Yes
	Phone Support	Yes	Yes	Yes	No

Enterprise DDI Services

Support & Maintenance

24x7x365 Support

Starter Services Package

40 professional services hours

Best for greenfield deployments

Includes basic launch plan with installation assistance and essential training modules

Migration Services Package

120+ professional services hours

Best for moving off legacy provider

Includes detailed project plan and architecture design, hands-on installation and migration services

About NS1

NS1 is the leader in next generation DNS solutions that orchestrate the delivery of the world's most critical internet and enterprise applications. Only NS1's purpose-built platform, which is built on a modern API-first architecture, transforms DNS into an intelligent, efficient and automated system, driving dramatic gains in reliability, resiliency, security and performance of application delivery infrastructure. Many of the highest-trafficked sites and largest global enterprises trust NS1, including Salesforce, LinkedIn, Dropbox, Nielsen, Squarespace, Pandora and The Guardian.