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NS1 Managed DNS for China

NS1 Managed DNS for China is a fully managed, authoritative DNS service designed to deliver fast and reliable application experiences to audiences within Mainland China. An extension of our global NS1 Managed DNS service, it combines our edge locations in China with our unique nameserver acceleration capabilities to overcome performance challenges related to the “Great Firewall.”

NS1 Managed DNS for China is delivered as part of NS1 Connect, our unified cloud-based delivery platform. This allows our customers to deploy, configure, and scale global DNS services everywhere they need through a single cloud portal and API. This makes it simple for our customers to rapidly expand their application delivery footprints to China Markets while streamlining operations and ensuring consistently exceptional application experiences worldwide.



RAPIDLY EXPAND YOUR APPLICATION DELIVERY FOOTPRINT

Whether you are delivering content, selling products through an online store, or expanding your workforce to Mainland China, the potential for global enterprises to enter new markets in China is large and yet challenging. NS1 can help by reducing the complexity, cost, and time required to expand your application delivery footprint globally. With edge locations in Shanghai, Beijing, Qingdao, and Shenzhen as part of our global DNS infrastructure, you can begin to provision DNS services there through NS1 Connect as soon as you subscribe to the service. No hardware to ship. No software to install. No new UI to learn. It's fast and simple.

Improve performance for China audiences

Enterprises seeking to deliver high-quality application experiences to users within China find it especially difficult to overcome the DNS latency impacts related to the Great Firewall. NS1 can help. Our unique nameserver acceleration capabilities ensures that DNS queries originating in China are answered by the NS1 nameservers hosted in China. Queries originating from outside the mainland China region are answered by the NS1 nameservers across our global DNS infrastructure. This gives you the ability to manage all your public-facing applications under one global domain without incurring the performance problems that typically occur when internet traffic has to traverse the “Great Firewall.”

Improve DNS response times

Avoid the latency impact of sending DNS queries across the Great Firewall.

Deploy and scale faster

Evolve past legacy software-based solutions with our highly scalable, cloud-native DNS services.

Streamline operations

Manage all of your global resources and application traffic policies in one unified platform and secure cloud portal.

Key Features & Benefits



China-hosted Network

Our fully managed authoritative DNS network includes points of presence at Shanghai, Beijing, Qingdao, and Shenzhen.

Nameserver Acceleration

DNS queries originating from within China are answered by NS1 nameservers hosted in China, regardless of which top-level domain the request is for, for example, .com, .net, or .cn. This improves performance and user experience.

Fast DNS Response

We enable sub-50ms response times to DNS queries originating in China.

Unified Cloud Management

NS1 Connect makes it simple to configure and manage all global DNS zones, records and traffic management policies from a single cloud portal and API.

Rapid DNS Propagation

When you make DNS updates in NS1 Connect they are pushed to our edge nodes in China in seconds.

Global Traffic Management

When you combine our Managed DNS for China with Global Traffic Management, you can intelligently steer application traffic to the most optimal endpoint no matter where the end user is located.



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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