



CDNetworks

Cloud DNS

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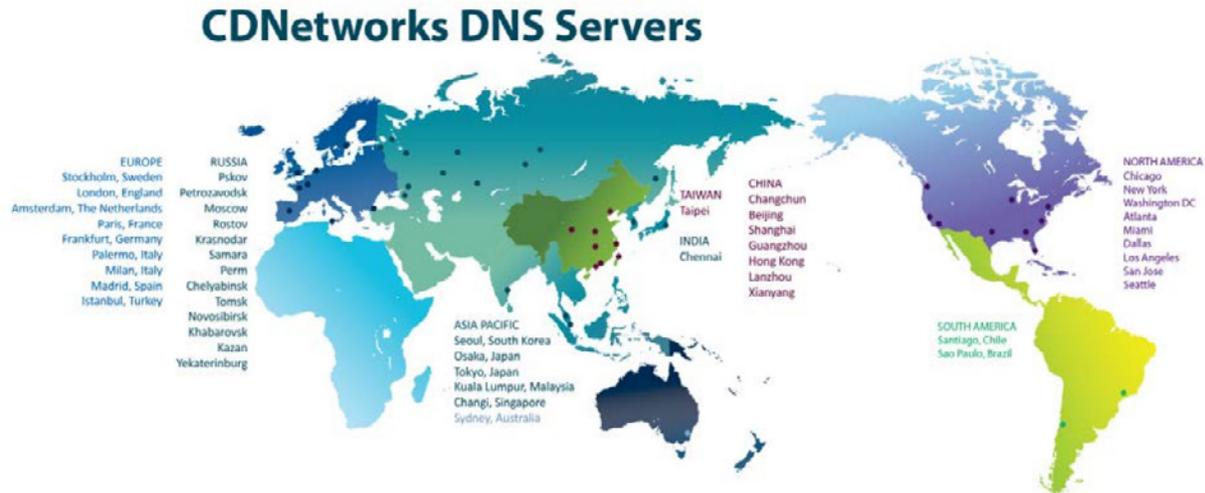
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Introduction

CDNetworks offers a managed cloud-based authoritative DNS (CDNS) service that is secure, reliable and scalable and offers high performance under any traffic conditions from anywhere in the world. Implementing CDNS is as simple as three easy steps including organization of domains into zone files, zone file publishing, and delegation change through the domain registrar. Once the zone is offloaded to CDNS - our secure, reliable, scalable and global infrastructure will ensure website consistent availability and responsiveness to users around the world.



Cloud DNS Global Points of Presence

Cloud DNS also supports zone transfer between primary name server and CDNS name servers. Transfers are performed through a process called the Zone Transfer Server (ZTS) which is physically separate from the name servers. These servers are designed to not accept requests from any other source, thereby providing an additional layer of security to the DNS system. ZTS validates zone data and notifies administrators whenever DNS changes are published to production. Furthermore, transfers may be secured through the use of TSIG keys.

CDNS has been purpose-built to address the web performance needs of enterprises. Natively integrated with our Web Performance Suite (WPS), CDNS provides optimal performance since an additional step of resolving the CDN is eliminated. By offloading the complex task of DNS infrastructure to CDNetworks, you can concentrate on your core business, and get massively scalable, high performing, secure and an “always-on” DNS system without large upfront capital costs or technological investment.



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Cloud DNS

Feature	Description	Benefit
Global Infrastructure	Multiple geographic locations in 48 cities from US to Australia	Guarantees availability, reduces impact of DDoS attacks, optimizes DNS response time, and ensures scalability supporting millions of domains and billions of queries.
IP Anycast	BGP Anycast architecture that routes requests to the topologically closest server.	Optimizes performance and availability by routing requests to the nearest available server with built-in fail over protection. Nullifies DDoS attacks impact through traffic distribution
Staging Server	DNS changes are configured on a staging server allowing administrators to conduct testing and validation.	Ensures reliability by minimizing configuration errors that can lead to costly outages.
Advanced CDN Features	Integrated component of Web Performance Suite. URL forwarding. CNAME-ing root domain.	Speeds DNS resolution by eliminating intermediary steps.



Feature	Description	Benefit
DNS Record Types	The following RR types are supported. A, CNAME, MX, NS, PTR, SOA, TXT.	Supports the most common RR types easing zone delegation transfer.
Advanced Reporting	Hits (by domain, RR type, time span and geo-location).	Provides unprecedented visibility into customer traffic through DNS.
Web Management Portal	Easy UI to manage zones and all RR types.	Simplifies administration and improves reliability through reduction of manual editing errors.
Zone Transfer	Transfer zones from primary name server to Cloud DNS name servers	Supports existing DNS administration while still benefitting from Cloud DNS platform for increased availability, performance, security and scalability.
Log Reporting	Raw logs sent via FTP to a customer-designated server.	Allows administrators to perform custom analysis.
Complete Outsourcing	No hardware/software infrastructure. No system maintenance.	Reduces IT investments and costs. Quick and easy implementation.
Support	24 x 7 x 365 support	Reduced IT costs for administration and maintenance.

To learn more about CDNetworks CCloud DNS, visit our website at <http://www.cdnetworks.com/products/cloud-dns/>.

**Features and specifications subject to change without notice*



About CDNetworks

Founded in January of 2000, CDNetworks Science & Technology provides global solutions and services that cover content distribution and acceleration, server hosting and renting and network optimization for ISP. It's a premier comprehensive service provider of CDN and IDC. CDNetworks was publicly listed on Shenzhen Stock Exchange in October, 2009.

Headquartered in Shanghai, CDNetworks Science & Technology also has three offices in other three global cities in China: Beijing, Guangzhou and Shenzhen. CDNetworks also has set up subsidiaries in America, Hong Kong, Malaysia, Tianjin, Nanjing, Jinan and other places all 9 of them. In Xiamen and Silicon Valley of US, it has set up a R&D center in each place. There are over 2,000 employees in CDNetworks and more than 60% of them are in research and development. Our customers cover a wide of range of industries and types of portals, from Internet companies in streaming media, gaming, e-commerce, search browsers and social media to governments, enterprises and various ISPs. At present, our customers are up to 3,000 and we are proud to say that our company is second to none in this industry in terms of number of customers and business range it covered.

Holding the Business License for Cross-region Value-added Telecommunications Business (IDC, ISP) issued by Ministry of Industry and Information Technology of China, CDNetworks Science & Technology is also a member to Asia-Pacific Network Information Centre (owning Autonomous System) and a member to China Internet Network Information Center (owning Autonomous System).

CDNetworks Science & Technology Enjoys Many Firsts in This Industry

- First publicly listed company in China that is specialized in CDN and IDC
- The most profitable CDN and IDC company in China
- The first company in China that has developed CDN platform independently
- The first company in China that has developed the technology of dynamic acceleration
- The first company in China that has developed the CDN content distribution platform with cloud architecture
- Largest CDN content distribution platform in China in terms of scale
- The first CDN company in China that has passed the compliance certification of PCI DSS V3.0

Quality Global Resources

A complete coverage of ISPs in China, and in cooperation with big three telecommunication companies (China Mobile, China Telecommunications, and China Unicom) and two specialized network (China Education and Research Network and China Science & Technology Network). CDN content distribution and acceleration nodes of CDNetworks cover the entire globe and besides its nearly 500 domestic nodes, CDNetworks has deployed almost 60 nodes overseas, in San Jose, Los Angeles, Dallas, Chicago, New York, London, Amsterdam, Paris, Mumbai, Singapore, Sydney and other cities. Its service has expanded to developed countries and regions in 6 continents, North America, Europe, Asia, South America, Asia and Oceania. Acceleration requirements from customers around the world can be supported with our quality resources.



Rich Experience of Professional Experience

With 15 years of operation experience in acceleration and improvement of Internet user experience, CDNetworks is a premier service provider of Internet acceleration and it also has been serving Four Web Portals (sina.com, souhu.com, qq.com and 163.com) for many years. CDNetworks knows clearly the basic structure and applications of the Internet in China.

CDNetworks is committed to providing its customer with one-to-one professional service and in serving many foreign and domestic big brands with quality acceleration, it has collected many years of service experience, which in turn can help us better meets customers' needs of informationization and business development.

One-Stop Sales Network

In Beijing, Shanghai, Guangzhou, Shenzhen and other cities or regions, CDNetworks has set up subsidiaries or offices that cover regions with more than 80% of China Internet users. Business consultation and business process are available in each office of CDNetworks for 7*24, with fast response and other one-stop sales service.