

CLOUD DNS

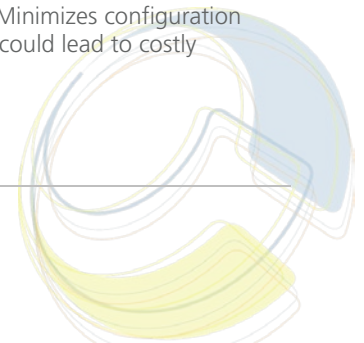
Introduction

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. Using CDNS requires you to follow three easy steps. First, you need to set up the zone files for the domains that you want CDNS to be authoritative. Second, you need to publish your zone files. Third, you need to initiate a delegation change through the registrar for the domain. Once you offload your domain to CDNS - our secure, reliable, scalable and global infrastructure will be always available to quickly and correctly respond to your users at any time and from any place in the world.

CDNetworks' Cloud DNS (CDNS) has been purpose-built to address the web performance needs of enterprises. It is natively integrated with our Web Performance Suite (WPS) and provides optimal performance when used in conjunction with other products in the suite, such as Content Acceleration. An additional step of resolving the location of the CDN is eliminated which further improves the overall performance of your website. 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.

Key Features and Benefits

Feature	Description	Benefit
Global Infrastructure	Multiple geographic locations in 20+ cities from US to Australia	Availability: 100% uptime Security: Reduces impact of DDoS attack. Performance: No matter where a user is, a DNS server is always "nearby". Scalability: Support millions of domains, billions of queries. Reliability: All queries are always answered with latest DNS data.
IP Anycast	BGP Anycast architecture that routes requests to the topologically closest server.	Performance: Queries reach the nearest server. Availability: Queries are routed to the nearest available server. This implies that unless every single server goes down at the same time, queries will always be answered. Security: Nullifies the impact of DDoS attacks by traffic distribution.
Staging Server	All DNS changes are first set up on a special staging server that allows customers to conduct their own test and validation.	Reliability: Minimizes configuration errors that could lead to costly outages.



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Key Features and Benefits (continued)

Feature	Description	Benefit
Advanced CDN Features	Integrated with other WPS products such as CA. URL forwarding. CNAME-ing root domain.	Performance: Eliminates costly intermediate steps of resolution.
DNS Record Types	The following RR types are supported. A, CNAME, MX, NS, PTR, SOA, TXT	Support for the common RR types makes it easy for transferring zone delegation.
Advanced Reporting	Number of hits (by domain, RR type, time span and geo-location). Query statistics – by performance and type.	Unprecedented visibility into DNS and hence, customer, traffic.
Web Management Portal	Easy UI to manage zones and all RR types.	Simplicity: Simplify DNS administration. Reliability: Reduce errors from manual editing.
Log Reporting	Raw logs can be sent via FTP to a customer-designated server.	Allows customer to perform custom analysis.
Complete Outsourcing	No hardware/software infrastructure. No system maintenance.	Reduced IT investments & costs. Quick and easy implementation.
Support	24 x 7 x 365 support	Reduced IT costs for administration and maintenance.



CLOUD DNS

True Global Reach

CDNetworks Cloud DNS ensures that your DNS is secure and is always available to quickly and correctly respond to your users at any time and from any place in the world.

CDNetworks Global Offices

US

441 W. Trimble Road
San Jose, CA 95131
+1 408 228 3700

EMEA

16 St Martins Le Grand
London, EC1A 4EN
+44 20 7096 3982

8 Rue de L'Isly
Paris, 75008
+33 1 75 43 81 92

Korea

Handong Bldg. 2F,828-7
Yeoksam-Dong, Gangnam-Gu,
135-935 Seoul
+82 2 3441 0400

Japan

Nittochi Nishi-shinjuku Building,
8th Floor, 6-10-1, Nishishinjuku,
Shinjuku-ku, Tokyo 160-0023
+81 3 5909 3369

China

Room No.A-1502
Keijidalou, 900 Yi shan Road
Shanghai
+86 10 8441 7749

info@cdnetworks.com

www.cdnetworks.com

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Features and specifications
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