rapid
power your mission

echo

Optimize your DNS Management

Reliable. Flexible. Secure

Contents:

Introducing Echo by Rapid: Our versatile, easy-to-use feature that enhances how you manage any domain through our self-service portal. Whether you're overseeing domains for e-commerce platforms, internal applications, or expansive digital portfolios, Echo empowers you to efficiently set up and customize your domain records.

Opt for robust hosting in either single or multi-zone environments to tailor performance and reliability to your needs. Echo also keeps you informed with automated email alerts during downtimes and provides a detailed 90-day activity log, ensuring you have all the insights to maintain a smooth and secure online operation.

With Echo, managing your digital presence is straightforward and secure, giving you the confidence to focus on growing your business.

Key Features

Single and Multi-Zone Management

Allows precise control over various DNS zones from a single interface, simplifying management while providing flexibility for different operational scales.

Comprehensive range of DNS record types

Echo supports comprehensive DNS record types including A,AAAA, CAA,NS, MX, TXT, SPF ,SSHFP,CNAME, and SRV , ensuring compatibility with modern internet standards.

Health Monitoring and Alerts

Continuous health checks ensure the stability and efficiency of DNS operations, with instant alerts to preemptively address and mitigate potential issues. (for A records only)

Simple GUI

User-friendly graphical user interface ensures ease of use for administrators, reducing the learning curve and operational overhead.

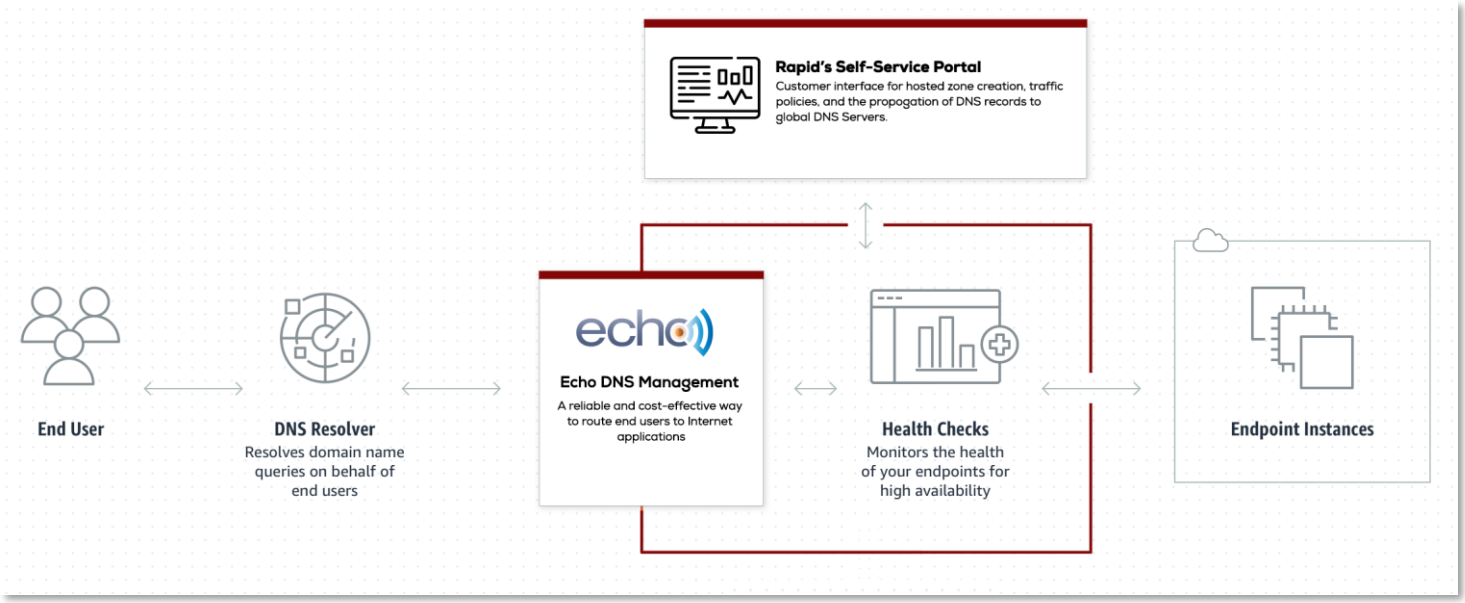
Scalable Infrastructure

Designed to scale seamlessly with your business growth, Echo can handle an increasing load of DNS queries without any compromise on performance.

High Security with DNSSEC

Incorporates DNS Security Extensions (DNSSEC) to protect against DNS spoofing, ensuring the authenticity and integrity of DNS traffic.

Architecture Diagram for Echo



Pricing and Billing Overview

1 ZONE

USD 5/Month
For single zone hosting

USD 8/Month
For multi zone hosting

2 DNS QUERIES

USD 0.8/ mn requests

$0.8 will be charged with the very first request for the million DNS queries and shall not wait till the million requests.

3 HEALTH CHECK

USD 2/Month

$2 will be charged per domain for our health check service

Billing Cycle & Payment Options

1. Monthly billing based on actual usage.
2. Payment methods include online transfer, cheque deposit and credit/debit cards.

Exploring Use Cases: Real-World Applications

Travel and Tourism

"By adopting advanced DNS management solutions, we've been able to provide our customers with faster and more reliable access to our website. This enhancement in security and efficiency has been crucial for elevating the overall customer experience and streamlining our operations."

Media and Entertainment

Using DNS management services has been a game changer for us, ensuring our streaming service is always available with minimal latency. This has significantly improved our viewers' experience, keeping it smooth and buffer-free, which is essential in maintaining and growing our audience.

Ride Hailing Services

Implementing DNS management has significantly enhanced our app's responsiveness and reliability. This improvement is crucial for providing our riders and drivers with a seamless experience, helping us maintain a competitive edge in the fast-moving ride-sharing market.

Currency Exchange Platforms

Utilizing DNS management has been transformative, significantly boosting our platform's availability and security. This has been crucial in ensuring smooth and secure transactions for our users, which is essential for maintaining their trust and confidence in our service.

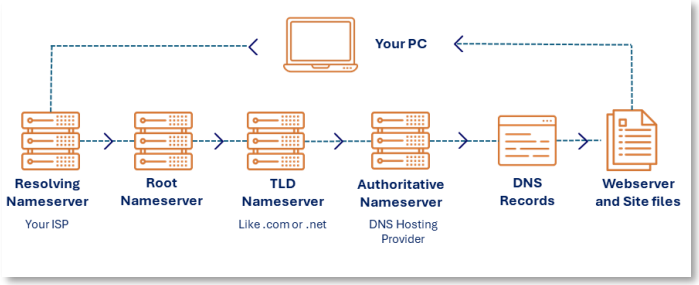
Video Conferencing Platform

Adopting DNS management has been crucial for us, enhancing our platform's connectivity and reducing latency. This improvement has enabled us to provide uninterrupted, high-quality video conferencing experiences, which is fundamental to satisfying our users and maintaining our position as a leader in the market.

Frequently Asked Questions:

Q: What is Echo?
A: Echo is a DNS management service offered by Rapid through our self-service provisioning portal. It allows clients to host and manage their domains efficiently, providing tools to customize domain records and choose optimal hosting environments.

Q: How does DNS Work?



Q: Who can use Echo?
A: Echo is designed for any organization that manages one or multiple domains, whether for websites, internal applications, or other digital services. It is especially beneficial for businesses requiring robust and reliable domain management to ensure high availability and performance.

Q: How do I get started with Echo?
A: Getting started with Echo is easy. Simply log in to your Rapid self-service provisioning portal, navigate to the DNS management section, and select Echo to begin setting up your domains.

Q: What hosting options are available with Echo?
A: Echo offers both single-zone and multi-zone hosting environments. You can choose based on the criticality and performance requirements of your domain. Multi-zone hosting is recommended for high-availability needs.

Q: Can I receive notifications if my site goes down?
A: Yes, Echo includes an email notification feature that alerts you whenever your website is unreachable. This ensures you can quickly address any disruptions in your site's availability.

Q: What does the Echo logging system provide?
A: The logging system in Echo provides a detailed 90-day history of your domain's activity. This is crucial for tracking performance trends, diagnosing issues, and understanding your domain's operational status.

Q: Is Echo suitable for e-commerce platforms?
A: Absolutely. Echo is ideal for e-commerce platforms that require high uptime and robust performance. The service's features, such as multi-zone hosting and downtime notifications, ensure that your online store remains operational and efficient.

Q: Can I manage multiple domains with Echo?
A: Yes, Echo supports the management of multiple domains under a single account. This feature is perfect for businesses with multiple digital properties, allowing centralized control and management.

Q: Where can I find more help or support for Echo?
A: For additional support or questions about using Echo, you can contact our dedicated support team via the Rapid support portal or check out detailed guides and documentation in the help section of your provisioning portal.

Glossary:

DNS (Domain Name System): A hierarchical and decentralized naming system for computers, services, or other resources connected to the Internet or a private network. It associates various information with domain names assigned to each of the participating entities.

DNSSEC (DNS Security Extensions): A suite of Internet Engineering Task Force (IETF) specifications for securing certain kinds of information provided by the Domain Name System (DNS) used on Internet Protocol (IP) networks.

A-Address Record: Maps a domain to a 32-bit IPv4 address. Essential for directing user traffic to your host server.

AAAA-IPv6 Address Record: Like the A record but maps a domain to a 128-bit IPv6 address.

CAA – Certificate Authority Authorization Record: Specifies which certificate authorities (CAs) are allowed to issue certificates for a domain.

CNAME – Canonical Name Record: Allows one domain to be known by more than one name; useful for associating new subdomains with an existing domain's DNS records.

MX – Mail Exchange Record: Directs email to a mail server and establishes the route for sending email to your domain.

NS – Name Server Record: Points to the servers that contain DNS zone records for a domain; crucial for DNS delegation.

SPF – Sender Policy Framework: Used to prevent sender address forgery, providing a list of authorized sending hosts for a domain.

SRV – Service Locator: Identifies the hostname and port number for servers handling specific services, such as VOIP or IMAP.

SSHFP – SSH Public Key Fingerprint: Associates a public SSH key fingerprint with a host name, used in DNSSEC environments to validate SSH keys.

TXT – Text Record: Typically used to provide information to external sources from your domain, including machine-readable data such as security data.

IPv6: The most recent version of the Internet Protocol that provides an identification and location system for computers on networks and routes traffic across the Internet.