



MANAGED DNS SERVICES

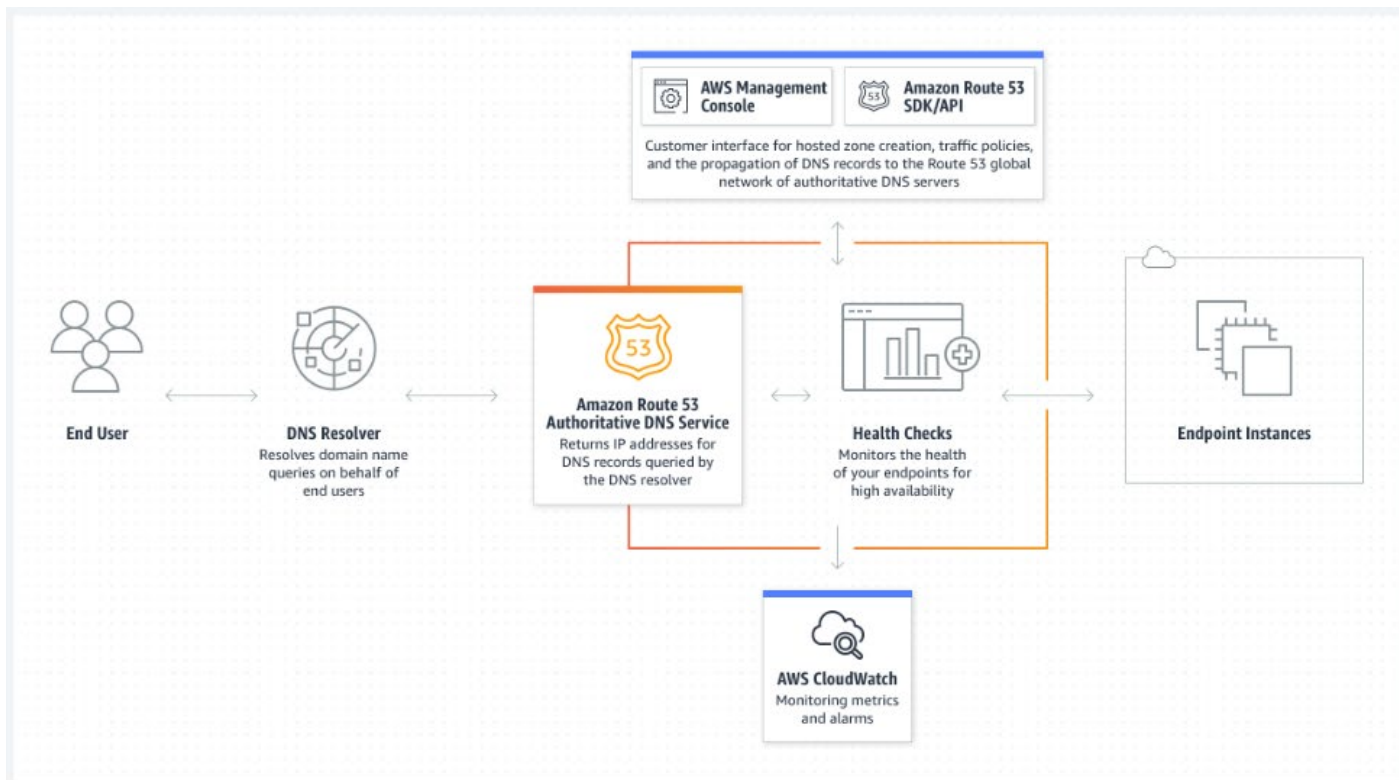
DNS - CBAI utilizes Levi, Ray & Shoup, Inc. (LRS) Amazon Cloud Hosting Facilities for all CBAI production web services. CBAI's Managed DNS Amazon Route 53 is a highly available, scalable, and compliant Domain Name System (DNS) web service. Amazon Route 53 ensures reliable and efficient routing of end users to your website by leveraging globally-dispersed Domain Name System (DNS) servers. With automatic scaling, the service dynamically adjusts to varying workloads, optimizing performance and maintaining seamless user experience.

SECURE DNS – included in hosting fee or a stand-alone subscription Annually \$350

- **DNS AAAA** – Maps a domain/subdomain to an IPv6 address
- **CAA** – Specifies which certificate authorities (Cas) are allowed to issue certificates for a domain or subdomain
- **CNAME** – Maps DNS queries for one name to another domain or subdomain
- **DS** – Used for DNSSEC delegation
- **HTTPS** – A form of the SVCB record providing extended configuration for HTTP protocol connections
- **MX** – Routes email to mail servers
- **NAPTR** – Used by DDDS applications to convert or replace values (e.g., phone numbers to SIP URIs)
- **NS** – Name server records
- **PTR** – Reverse DNS lookups
- **SOA** – Start of authority record
- **SPF** – Formerly used for email sender verification (now deprecated in favor of TXT records)
- **SRV** – Service location records
- **SSHFP** – SSH fingerprint records
- **SVCB** – Delivers configuration information for accessing service endpoints
- **TLSA** – TLS authentication records
- **TXT** – Text records (also the recommended replacement for SPF records)

Route 53 also provides **alias records** — an extension to DNS that lets you route traffic to selected AWS resources (e.g., CloudFront distributions, Amazon S3 buckets), like CNAME records but usable at the zone apex

- **DNSSEC** – DNS Security Extensions (DNSSEC) signing on public zones for Amazon Route 53 and validation for Amazon Route 53 Resolver. DNSSEC is a specification that provides data integrity assurance for DNS and helps customers meet compliance mandates (for example, FedRAMP and security standards such as NIST). When you enable DNSSEC signing for a hosted zone, Route 53 adds cryptographic signatures to your DNS records.



CLOUDFRONT CDN – Annually \$85

Accelerate your website with AWS CloudFront. A fast, secure content delivery network (CDN) service that speeds up the distribution of static and dynamic web content to users worldwide.

Amazon CloudFront is a web service that speeds up distribution of your static and dynamic web content, such as .html, .css, .js, and image files, to your users. CloudFront delivers your content through a worldwide network of data centers called edge locations. When a user requests content that you're serving with CloudFront, the request is routed to the edge location that provides the lowest latency (time delay), so that content is delivered with the best possible performance.

- If the content is already in the edge location with the lowest latency, CloudFront delivers it immediately.
- If the content is not in that edge location, CloudFront retrieves it from an origin that you've defined—such as an Amazon S3 bucket, a MediaPackage channel, or an HTTP server (for example, a web server) that you have identified as the source for the definitive version of your content.