BLUECAT™

Cloud resolution that delivers consistency

For external clients to access public resources, enterprises need a cloud-based DNS service centrality managed by IPAM to host public zones that provides reliable, secure, and consistent resolution. Without an integrated solution with IPAM, network admins must manually move in and out of tools and systems to update, add or transfer publicly available DNS zones. That means slow response times and increased errors for external service delivery, especially for zones tied to an internal service supported by dynamic updates.

The Solution - BlueCat Cloud DNS Service

The BlueCat Cloud DNS Service is a cloud-hosted external authoritative DNS service integrated seamlessly with BlueCat Address Manager. It allows admins to host public zones in a reliable, low-latency, DDoS-resilient Anycast network to allow external client access. Using BlueCat Address Manager and the Cloud DNS Service, simplify the provisioning of public DNS zones to the service with one-click deployment. In addition, effortlessly manage public zones by adding, removing, and updating all zones from one single source of truth.

Benefits

Integrated Management
Leverage a centralized DDI management platform to provision or update public DNS zones via API or a single click.
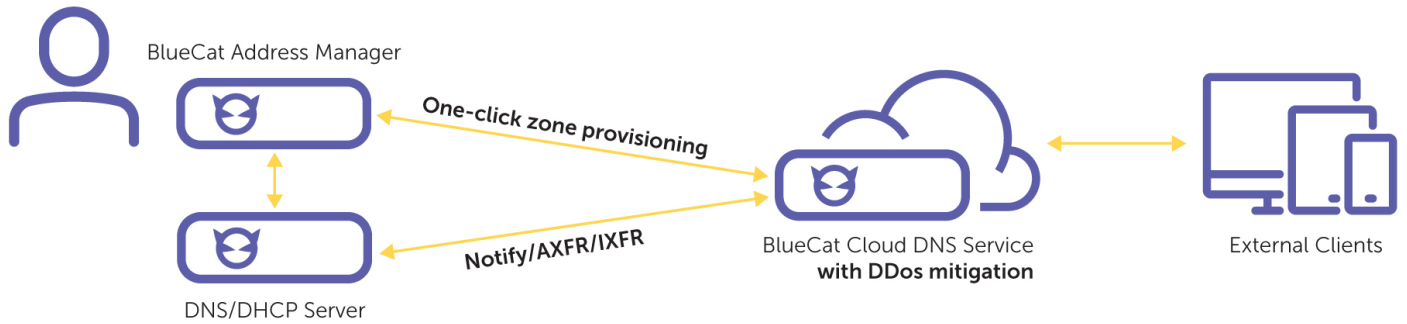
Advanced Security
With out-of-the-box DDoS mitigation and DNSSEC, safeguard against data exfiltration and ensure uninterrupted service.

Improved Performance
Lower DNS response time across the globe and increase resiliency with an anycast-enabled network backed by 285 POPs over 100 countries.

BlueCat Cloud DNS Service

Features

Secure DDoS mitigation
Ensure 100% service uptime when under DDoS attacks with mitigation techniques thats allow for static and dynamic rules applied immediately upon detection.

Secure DNS resolution using DNSSEC with NSEC
Verify the non-existence of a record name and type as part of DNSSEC validation and validate resolution made by external clients.

Secure communication using TSIG for AXFR and IXFR
Provide TSIG encryption for transferring zone data between primary to a secondary domain name servers.

Centralized Control Panel
A single control panel in BlueCat Address Manager to manage internal and external DNS zones for dynamic updates.

One-click Zone deployment
Deploy updates or create new public zones for DNS resolution with a single click right from BlueCat Address Manager or via RESTful API.

Next Steps

Get in touch with a BlueCat representative to future proof your network.

Visit bluecatnetworks. com/contact-us/